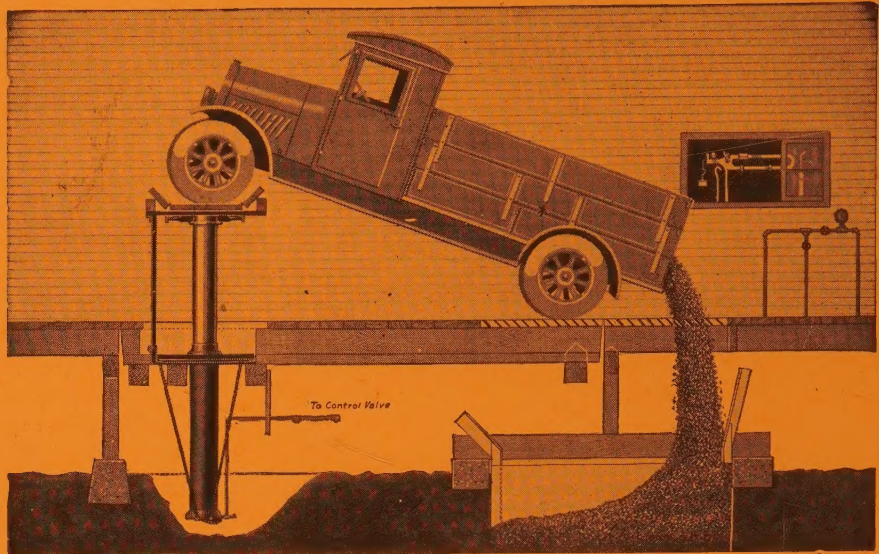


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(Continued on next page.)

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Gentlemen:—Herewith is draft covering Help Wanted adv. in your classified column. This adv. certainly **Produced Results**, as we are having answers from all wheat growing sections of the United States. Yours truly,

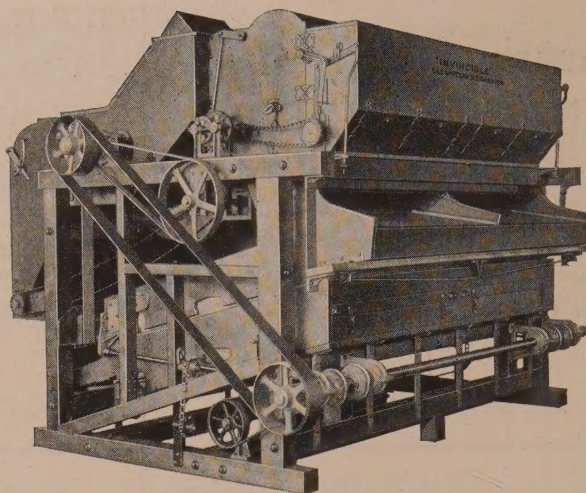
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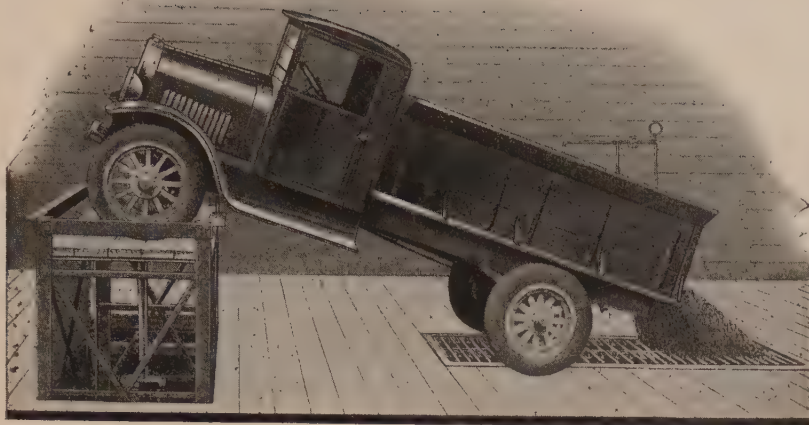
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Dump a Load per Minute!

SPEED—SERVICE—we all want it. And the farmer is no exception. He brings his grain to the elevator that can handle it for him quickly and safely. With a Kewanee it's no trick at all to dump a load a minute. And its staunch appearance tells its own story.

*Built for today's heavy loads—
and the heavier loads to come*

Don't overlook these KEWANEE features

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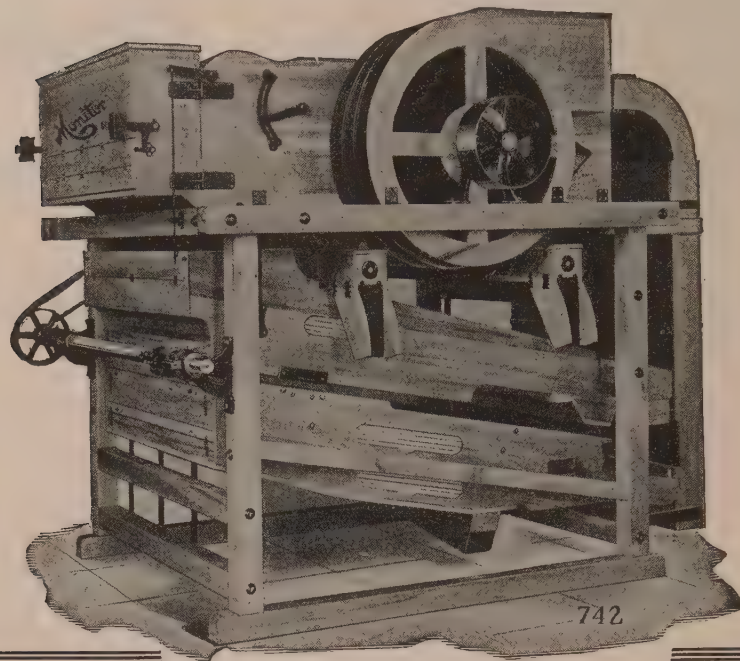
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Monitor LOCATION • new
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EQUIPMENT • complete } Prompt Deliveries a Speciality



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This car or wagonload may be corn—the next may be wheat or oats.

Sure, if you run two separators, you can switch over quickly but can you afford to operate two cleaners? Yet, if you have but one, then what? Have you got to remove the screens in the machine, hunt out the right set for the incoming grain and put them in, all the time holding up operations while you are doing this?

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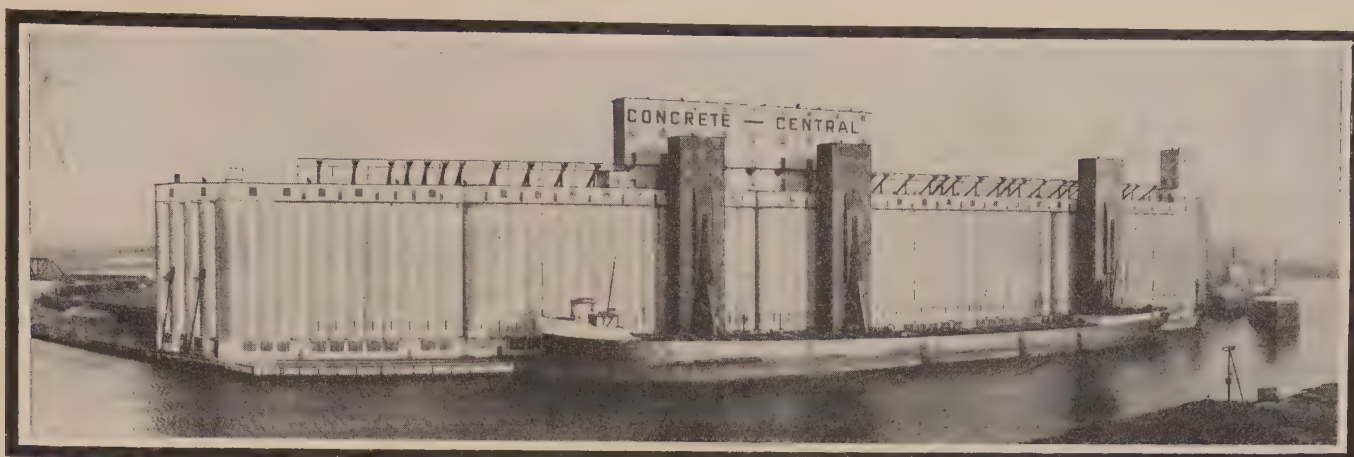
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Webster equipment for grain elevators is ruggedly built to withstand hard usage. It is designed and made in our own factories by skilled workmen and of the best materials.

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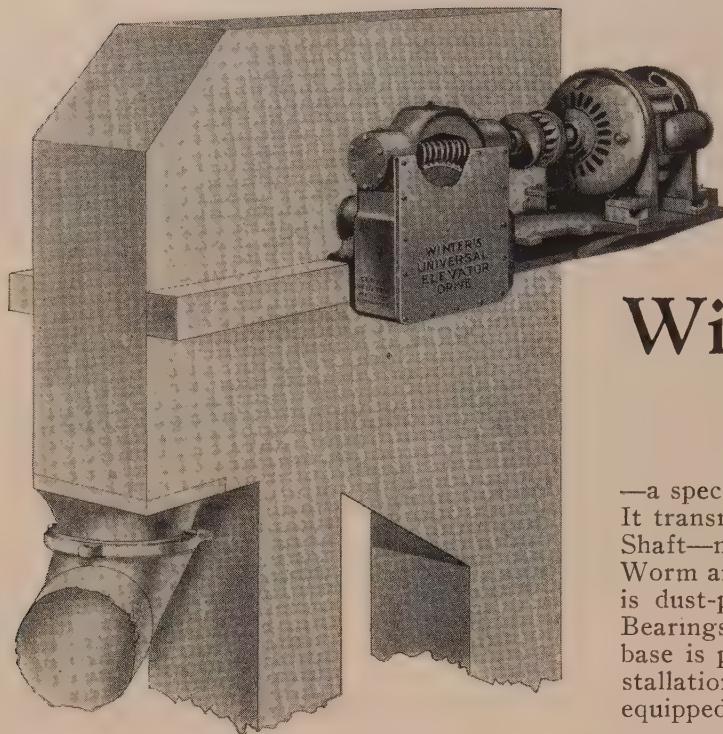
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—a specially designed Worm Drive of proven performance. It transmits the power from the motor direct to the Head Shaft—no lost motion, no power waste, no vibration. Worm and Worm Wheel run in a bath of oil. The housing is dust-proof and oil-tight. Timken Anti-Friction Roller Bearings. For exact and permanent alignment, the motor base is prefixed to the gear housing. All one compact installation—substantially a direct part of the leg, and equipped with an absolute backstop mechanism.

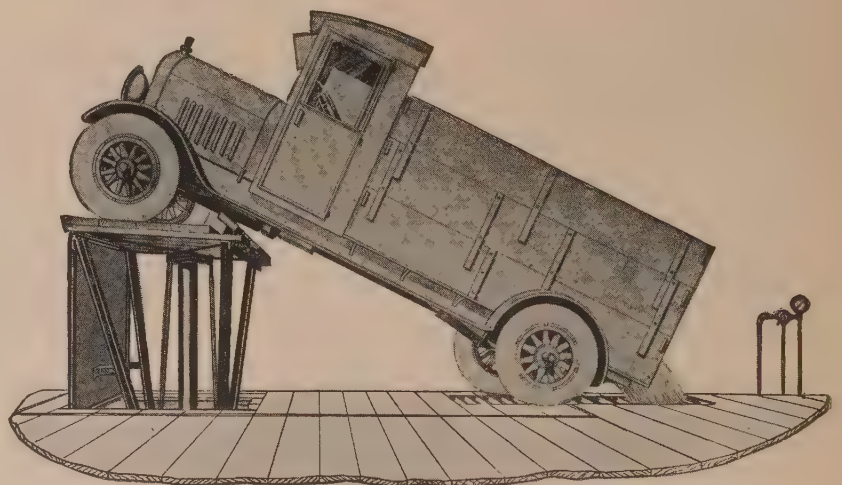
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All Steel Construction

UNLIKE ordinary Dumps, the lifting pressure is directed to the four corners of the platform. Regardless where load is placed there is no binding—platform cannot sag—smooth, even operation with 60-inch travel. Two wheel-locks automatically engage the front wagon wheels to position the load as platform rises. No costly change of pit is necessary to handle both wagons and trucks. Platform provides ample clearance when used in connection with scales.



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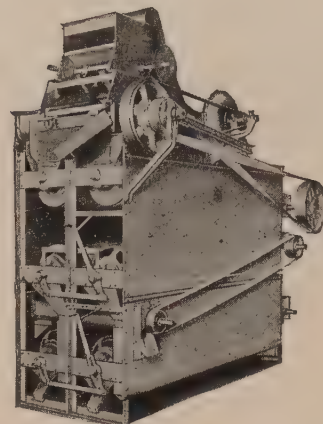
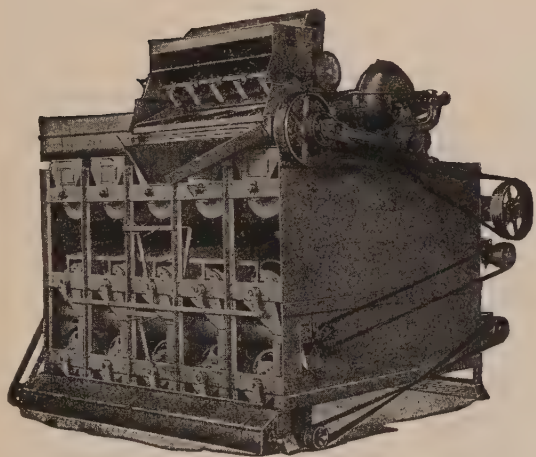
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The long list of Emerson users includes many of America's largest, most modern elevators. After a thorough investigation you, too, will want the cleaner that gives such incomparable results. Send for the new Emerson catalog.



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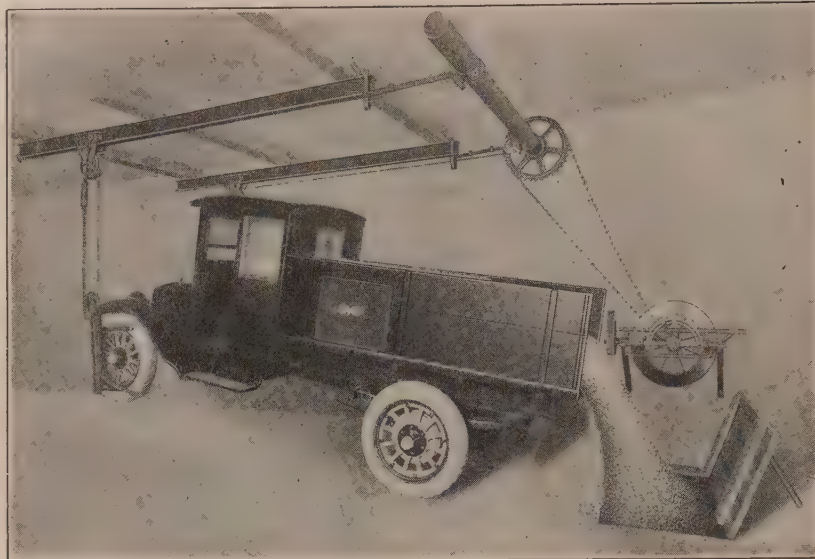
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McMillin Wagon and Truck Dump



The Superiorities of the McMillin dump are so readily apparent to the man who is in need of equipment of this kind that a short investigation will sell the most skeptical.

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Its being always ready for operation either by hand or power, and dumping from the shortest wagon to the longest truck in one single dump door, as well as dumping in additional dump doors should conditions demand—its small amount of power required—low cost of installation—strength and durability, as well as perfect control in both raising and lowering vehicles,—are a few of the many superior points of advantage and are features which enable us to offer the best and most simple and most economical dump at a reasonable price, both in first cost, installation cost and cost of operation.

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Rubber Protector, \$2.00
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The Northwest's Finest Hotel.
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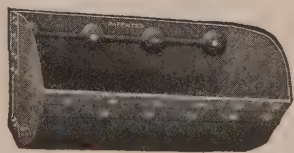
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Here are five points of SUPERIOR ELEVATOR CUP superiority:

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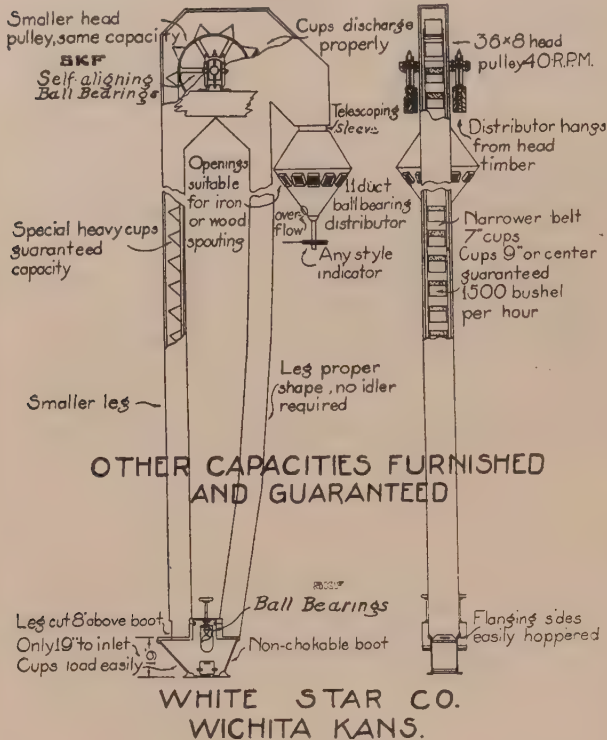
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Send to Department M. & E. for this portfolio of interesting photographs which visualize, for you, the scope of our work.

PLOUGHING the seven seas . . . through the tempestuous north Atlantic or over the glassy surface of the southern Pacific . . . grimy freighters or greyhounds of the ocean . . . ships of all nature . . . carry grain . . . in many instances loaded from the elevators built by The M. A. Long Company, the builders of the most recent and modern terminal grain elevators on the entire Atlantic Coast.

Adept in the use of moving forms for rapid and economical concrete construction, The M. A. Long Company serves a long list of clients. They include grain elevators and kindred projects. No contract is too large or too small. We invite invitations to bid.

Seldom is a grain elevator contract awarded without inviting The M. A. Long Company to bid on construction.

The **M. A. LONG** *Co.*

Engineers and Constructors

10 West Chase Street

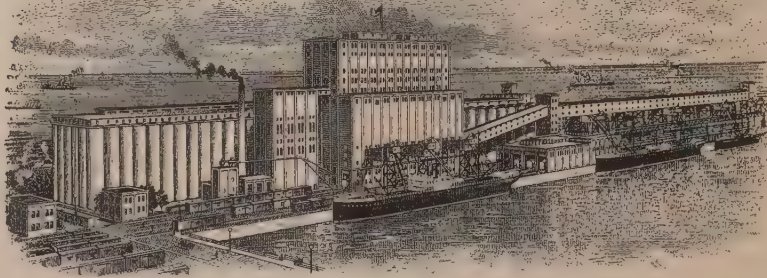
Baltimore, Maryland

CHICAGO

WASHINGTON



Capacity
5,000,000
Bushels



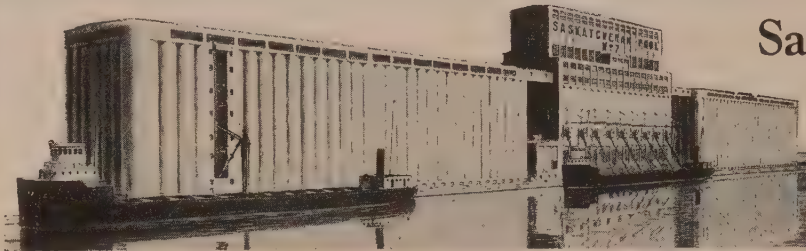
Equipped with
Four Stewart
Link-Belt
Grain Car
Unloaders

PENNSYLVANIA RAILROAD ELEVATOR AT BALTIMORE

JAMES STEWART CORPORATION

W. R. SINKS,
PRESIDENT

ENGINEERS AND CONTRACTORS
FISHER BUILDING—343 S. DEARBORN ST., CHICAGO, ILLINOIS



Saskatchewan Pool Elevator No. 7

Port Arthur, Ont.

*Largest single Elevator Contract ever awarded, recently
erected by us in record time*

THE BARNETT-McQUEEN CONSTRUCTION CO., Ltd.

Fort William, Ontario

Duluth, Minn.

Minneapolis, Minn.



Illinois Central Railroad, Owners
Crowell Elevator Co., Lessees
Capacity, 1,000,000 Bushels

Designed and Built by

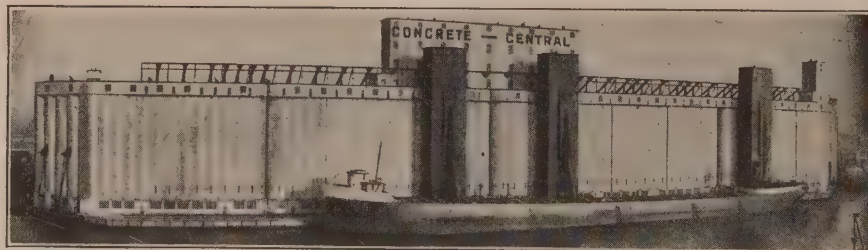
Folwell Engineering Co.

333 North Michigan Ave.

Chicago, Ill.

Get Our Estimates Before You Build

Operated by
The Eastern Grain,
Mill and Elevator
Corporation



Concrete-Central
Elevator, Buffalo,
N. Y.
Capacity
4,500,000 Bushels

Designed and Built by

Monarch Engineering Company

Buffalo, N. Y.



International Milling Company

Buffalo, New York

Capacity 2,300,000 Bushels

Another storage unit is now under construction by us which will make total capacity 3,500,000 bushels.

Jones-Hettelsater Construction Co.

Grain Elevators, Flour and Feed Mills

600 Mutual Bldg.

Kansas City, Mo.



Folwell-Sinks Form Lifting

Jacks and Steel Yokes

for Grain Elevator, Silo
and Coal Pit Construction

Manufactured and Sold by

NELSON MACHINE CO.

WAUKEGAN, ILL.

Patented

IT ALWAYS PAYS!

To have your elevator designed and to have your construction work supervised by experienced engineers.

HORNER & WYATT

Consulting Engineers to the Grain Trade

468 Bd. of Trade Bldg.

Kansas City, Mo.

IT PAYS TO PLAN BEFORE YOU BUILD

FEGLES CONSTRUCTION CO., Ltd.

Engineers — Constructors

Fort William, Ont.

Minneapolis, Minn.



N. M. Paterson Co., Ltd.

2,500,000 Bu. Elevator

Fort William, Ont.

DESIGNED for the years ahead—an advance we propose to maintain.

Santa Fe Elevator "A"

Kansas City, Kans.

Capacity
6,500,000 Bushels



John S. Metcalf Co.

Grain Elevator Engineers and Constructors

111 W. Jackson Blvd., Chicago

460 St. Helen Street, Montreal

837 W. Hastings St., Vancouver, B. C.

33 Henrietta Street, Strand, London, England

Wanted and For Sale

The rate for advertisements in this department is 25 cents per type line each insertion

ELEVATORS FOR SALE

KANSAS—20,000 bus. elevator in good wheat country for sale. For information see or write, W. H. Hines, Elmo, Kans.

WESTERN KANSAS—Three elevators for sale, main line railroad, prospects are fine. Write 62H5, Grain Dealers Journal, Chicago, Ill.

ELEVATOR FOR SALE—Up-to-date; well built; capacity of 27,000 bushels. Cost \$30,000 to build. Communicate with Security State Bank, San Juan, Texas.

NEBRASKA grain elevators for sale at a bargain in South Eastern and Central part of state. Wheat prospects 100%. Duff Grain Co., Nebraska City, Nebraska.

SOUTH DAKOTA—Grain elevator for sale. Electrically equipped, in first class condition; ample territory in good grain belt; a real buy. Write F. A. Kohlhoff, Stratford, S. D.

CENTRAL NEBRASKA—Elevator feed and coal business for sale. 50,000 bus. capacity; truck scale and dump. In good territory. Write 62J11, Grain Dealers Journal, Chicago, Ill.

IOWA—60,000 bushel capacity elevator for sale; handling about 200,000 bushels yearly. Good town and railroad. \$12,500.00. Address 62K4, Grain Dealers Journal, Chicago, Ill.

IF YOU DO NOT find the elevator you want advertised, place your wants in the "Elevators Wanted" section and you will receive full particulars regarding many desirable properties not yet advertised.

SOUTH DAKOTA—Four modern elevators for sale at good South Dakota points. Two have lumber yards in connection but will sell with or without lumber yards. Address 62K13, Grain Dealers Journal, Chicago, Ill.

DORIS, IOWA—10,000 bus. iron clad elevator, feed room and coal shed combined. Built in 1921; on Illinois Central R. R. Also partly modern 6 room house. This is an exceptionally good grain center. Will sell cheap for quick sale. Address Mrs. F. B. Maynard, R. R. 6, Independence, Iowa.

MISSOURI—For sale at a bargain, one modern concrete elevator about 75,000 bushel capacity; good meal, chop, poultry and dairy feed plant, all brick; located on main line railroad in a fine farming district, now doing a good business. Good reasons for selling. Part time if desired. Address 62L5, Grain Dealers Journal, Chicago, Ill.

ILLINOIS—PUBLIC AUCTION

The elevator, office, coal sheds, etc., situated at Ritchie, Illinois, will be sold at public auction on the premises at 2 o'clock P. M. on Saturday, July 6th. Terms of sale, cash. Directors reserve the right to reject any and all bids. Ritchie Co-operative Grain, Coal, Lumber & Tile Co., by Edwin F. Gundy, Sec'y.

EASTERN SOUTH DAKOTA Elevator and Feed Business for sale; county seat town. Ten thousand bushel grain capacity; storage for three cars feed; 10 ton truck scale; Globe air truck dump; hammer mill for custom grinding; feed mixer; another small burr grinder; all electric equipped. Good going business and is cheap for \$6,000. Reason for selling—want to move South. Address 62L13, Grain Dealers Journal, Chicago, Ill.

ELEVATORS FOR SALE.

NORTH CENTRAL KANSAS—8000 bus. elevator for sale or trade; on R. I. Write 62J10, Grain Dealers Journal, Chicago, Ill.

KANSAS GRAIN FIRM, nationally known, going good, will sell several country elevators. Write 62H4, Grain Dealers Journal, Chicago, Ill.

SOUTHWESTERN IOWA—Excellent 16,000 bus. iron clad elevator with feed and coal. Electrically equipped. Priced to sell. Address Garver Grain Co., Clearfield, Iowa.

SOUTHWESTERN MINN.—New cribbed elevator doing good business grain, coal, feed grinding. \$10,200 and invoice worth \$15,000. Write Utoft Grain Company, Tyler, Minn.

CENTRAL NEBRASKA—Elevator, coal and feed business, 15,000 bus. capacity; concrete construction; in best grain territory. Write 62H9, Grain Dealers Journal, Chicago, Ill.

FOR SALE—CHEAP

CHICAGO TERMINAL ELEVATORS. CAPACITY, 125,000 BUS. WRITE 62C7, GRAIN DEALERS JOURNAL, CHICAGO.

CHOOSE YOUR ELEVATOR from the many offered. Insert an advertisement in the "Elevators Wanted" column of the Grain Dealers Journal, and select one at a satisfactory price and station.

SOUTHERN MINN.—Good cribbed elevator, doing good business in grain, feed, coal and feed grinding. \$11,000 and stock invoice. For information write 62H7, Grain Dealers Journal, Chicago, Ill.

CENTRAL ILLINOIS—Three first class grain elevators in the best grain territory. All equipped with motor power. Will sell or trade for good Illinois or Iowa land. Write 62H12, Grain Dealer Journal, Chicago, Ill.

KANSAS—Modern elevator located in best grain county for sale. Doing good volume grain, coal, and feed business. Also smaller elevator at nearby station handled under same management. Crop prospects 100% perfect. Good reason for selling. Address 62J22, Grain Dealers Journal, Chicago, Ill.

KANSAS Elevator practically sold after three insertions. Here's what the advertiser writes: "We enclose check for three insertions of our ad. We have had more than a dozen inquiries from our ad and believe that we will be able to effect a sale." This proves conclusively the value of a Journal Want-Ad.

NEBRASKA—15,000 bu. elevator at Foley, David City p. o.; equipped with hopper scales, new truck scales, 10 hp. gas engine; also coal sheds 20x80; good 5-room house, garage, large hen house and barn; located in good grain center and handled \$150,000 worth of grain last year. Address 62L2, Grain Dealers Journal, Chicago, Ill.

IOWA—Grain and lumber business for sale. The Farmers Co-op. Exchange of LaPorte City, Iowa, offer for sale their three elevators and lumber yard; situated on the C. R. I. & P. and W. C. F. & N. R. R.'s. Have enjoyed a large and profitable business for the past 20 years. \$20,000 for the plant and fixtures. Market price for stock. Address Farmers Co-op. Exchange, LaPorte City, Iowa.

ELEVATOR FOR RENT

FOR RENT—Grain elevator 75,000 bus. capacity. Diamond Mills, Evansville, Ind.

ELEVATORS WANTED

WANTED TO BUY Grain Elevator in Central Illinois. Write P. O. Box 485, Bloomington, Ill.

WANTED—To trade 80 acres east Kansas land for elevator at good grain point. Box 95, Elwood, Nebr.

Some **SERVICE** to your ads. I sold my elevator to the first man that answered the ad. But I received a nice number of inquiries, too. Kansas Dealer.

ELEVATOR BROKERS.

ALWAYS HAVE ELEVATORS for sale. To save time, please state amount you wish to invest and location you prefer. James M. McGuire, 6440 Minerva Ave., Chicago, Ill.

BUSINESS OPPORTUNITIES

COAL BUSINESS in a real live eastern Iowa city; big business and small investment with fine location. Address 62F1, Grain Dealers Journal, Chicago, Ill.

WHATEVER your business may be, it will find a ready market if advertised in the "Business Opportunities" column of the Grain Dealers Journal, Chicago, Ill. 6,300 grain men look to these columns twice a month for real opportunities.

FEED AND COAL BUSINESS, fine location and doing exceptionally good business; handle all coal by electricity; also two resident homes; thirty miles west of Chicago. Write 62E14, Grain Dealers Journal, Chicago, Ill.

KANSAS—In the garden spot of Kansas, 18,000 bu. elevator and coal business for sale, in wheat and corn territory. Modern equipment. Big shipments. No competition. Good town schools and churches. A good proposition. Address 62K1, Grain Dealers Journal, Chicago, Ill.

THE BEST WAY to dispose of anything is to advertise it. You may have something to sell or trade which would be of advantage to many who are unaware of the opportunity offered because you are not letting it be known to our subscribers through the columns of this publication.

CENTRAL OHIO—Old established grain, coal, feed, seed and hardware business for sale. Located on main line of Penn. R. R. Has storage space for 11,000 bus. grain, 7 cars coal. Well equipped feed grinding plant in connection. Plant is motor driven throughout, is located in first class territory and has always proven a money maker. Will be sold on easy terms. For detailed information write 62J23, Grain Dealers Journal, Chicago, Ill.

SAMPLE ENVELOPES

SAMPLE ENVELOPES—SPEAR SAFETY—for mailing samples of grain, feed and seed. Made of heavy kraft paper, strong and durable, size 4½x7 inches. Have limited supply to sell at \$2.60 per hundred or in lots of 500, \$2.30 per hundred f. o. b. Chicago. Sample mailed on request. Grain Dealers Journal, 309 S. La Salle St., Chicago, Ill.

SITUATION WANTED.

EXPERIENCED elevator manager desires position with good company; experienced in side lines; can start work at once. Address 62L10, Grain Dealers Journal, Chicago, Ill.

MILL AND ELEVATOR mgr. desires position. 17 yrs. exper. handling terminals and merchandising grain in southwest; best ref. Write 62K19, Grain Dealers Journal, Chicago.

POSITION WANTED—20 years' practical experience soliciting and buying for terminal markets, and operating country grain business. Will consider any opening with good future. Address 62L7, Grain Dealers Journal, Chicago.

WANT POSITION buying grain for a line company, or manager of Farmers elevator. I have had eight years' experience as buyer and mgr. Will go anywhere, but prefer western Okla. or Texas Panhandle. Address J. W. Collins, 1201 Lowery St., Stillwater, Okla.

SUCCESSFUL AND EXPERIENCED farmers elevator manager with a real record desires position with good company; experienced in all side lines; good accountant; good mixer with public; Illinois or Indiana preferred. Address 61Z10, Grain Dealers Journal, Chicago, Ill.

GRAIN EXECUTIVE, thoroughly experienced cash and futures, familiar country and terminal, wide acquaintance and following, now employed; have solicited country, and know the wire end. Married, temperate, references and bond. Address 62L9, Grain Dealers Journal, Chicago, Illinois.

WANT POSITION as manager of Farmers Elevator. Have had 18 years experience. Good references. Followed the grain business from seedling to export. Will go any place but prefer Nebraska, Kansas, Oklahoma or Texas. Can handle all side lines except timber. Address 62K5, Grain Dealers Journal, Chicago, Ill.

SCALES FOR SALE.

FOR SALE CHEAP—Five bushel, 1,250 bushels per hour, Richardson Automatic Scale; f. o. b. South Dakota point. Write Richardson Scale Co., 312 Corn Exchange, Minneapolis, Minn.

RICHARDSON Automatic Scales, 4 to 8 bu. capacity, for sale; fine condition. Also R. R. track scales. Address Standard Mill Supply Co., 501 Waldheim Bldg., Kansas City, Mo.

FOR SALE CHEAP—Ten bushel, 1250 bus. per hour, Richardson Automatic Scale. Only dumped 560,000 bus. Reason for selling, not using the elevator. Also 15 in. rubber belt with 14 in. cups on good as new. Write 62J19, Grain Dealers Journal, Chicago, Ill.

Purchase and Sale Contracts

Is a double page form designed for recording contracts for the purchase and contracts for the sale of grain. Each kind of grain is entered on a page by itself so dealer may quickly total columns, and ascertain whether he is long or short.

The left hand pages are devoted to—Purchased; the column headings being: Date; From Whom; Bushels; Grade; Delivery; Price; By Whom Bot; How; and Remarks.

The right hand pages show—Sold, under which the following information is recorded: Date; To Whom; Bushels; Grade; Shipment; Price; By Whom Sold; How; and Remarks.

The book is well printed and ruled on linen ledger paper, size 8½x14 in., and contains 80 double pages. Bound in full canvas and heavy board covers. Order Form 18 P & S. Price \$3.00.

Send all orders to

GRAIN DEALERS JOURNAL
309 S. LaSalle St. Chicago, Ill

SCALES WANTED.

WANTED—Second-hand Howe or Fairbanks wagon scale. Must be in perfect condition. Wm. G. Milne, Dell Rapids, S. D.

WANTED—Richardson Automatic grain and bag portable scales. State capacity, how long used and lowest price. Morse Engineering Co., 502 Waldheim Bldg., Kansas City, Mo.

PARTNER WANTED

PARTNER WANTED—One who will invest substantial amount in line of elevators located in eastern Illinois paying good returns. Address 62K24, Grain Dealers Journal, Chicago, Ill.

YOU CAN SECURE a partner if you make your wants known to the grain trade through the Partners Wanted column of the Grain Dealers Journal.

MOTORS FOR SALE.

FOR SALE—100 H. P., 3 Phase A. C. Westinghouse Motor, 1 No. 5A Ball Bearing Monitor Cleaner, 1 No. 5 Millers Special Williams Mill, also large size Williams Hammer Mill. Write Durant Feed Co., 131 S. 2nd, Durant, Okla.

ELECTRICAL MACHINERY—Motors and Generators, A. C. and D. C. for sale at attractive prices. Large stock of new and rebuilt motors, starters, generators and switchboards on hand at all times. Write for our Stock List and Prices. Send us your next motor repair job for prompt repairs at reasonable prices. V. M. Nussbaum & Co., Fort Wayne, Ind.

Bargain Sale in Soiled and Shelf Worn Books.

Weighting grain in car lots without hopper or platform scales by Fred P. Miller. One slightly damaged copy at half price, 75c. Order "Miller Special."

Two Railroad Claim Books for overcharge in freight or weight. Each book contains 100 original and 100 duplicate blanks with two-page index and four sheets of carbon; slightly soiled. Very special at \$1.25 and postage. Order "Special 411-E."

Gold Bricks of Speculation, a study of speculation and its counterfeits and an expose of the methods of bucketshop and "Get-Rich-Quick" swindles. We have a few of these interesting books soiled from display, written by John Hill, Jr., of the Chicago Board of Trade, which we will send on receipt of \$1.00 each and postage to carry. Weight 4 lbs. Order "Gold Bricks of Speculation Special."

All prices are f. o. b. Chicago.

GRAIN DEALERS JOURNAL,

309 So. LaSalle St., Chicago, Ill.

KEEP POSTED

GRAIN DEALERS JOURNAL

309 So. La Salle St., Chicago, Ill.

Gentlemen:—In order to keep us posted regarding what is going on in the grain trade outside our office, please send us the *Grain Dealers Journal* on the 10th and 25th of each month. Enclosed find Two Dollars for one year.

Name of Firm.....

Capacity of Elevator.....

Post Office.....

State.....

HELPFUL BOOKS FOR CARLOT GRAIN HANDLERS.

Clark's Fractional Values table is on heavy cardboard, 9½x11 inches, showing the value of any quantity from 1 to 50,000 bushels by ten bus. breaks at ¼, ½, ¾, 1, 1½, 2, 3, 4 and 5 cents. The number of bushels is shown in red and the value in black. Price 25 cents.

Leaking Car Report Blanks bear a reproduction of a box car and a form showing all points at which a car might leak, thus facilitating the reporting specifically places where car showed leaks at destination. One of these blanks should be sent with papers for each car with the request that it be properly filled out and returned in case of any signs of leakage. Printed on bond, size 5½x8½ inches, and put up in pads of 50 blanks. Order Form 5. Price 40c a pad; three for \$1.00. Weight 3 ounces.

Clark's Decimal Grain Values save time and money and prevents errors. It shows at a glance, or with simple addition, the cost of any quantity of grain from 10 to 100,000 pounds at any given market price and reduces pounds to bushels on the same page. Values are shown directly from pounds without reducing to bushels. Pounds shown in red figures and values in black; price being given at top and bottom of each page. Prices for oats range from 10 to 79 cents a bushel; for corn, rye and flaxseed, 10 cents to \$1.09; for wheat, clover, peas and potatoes, 30 cents to \$1.59; for barley and buckwheat, 20 cents to \$1.49 per bushel. Order Form 36. Price \$4.00. Weight 1½ lbs.

All prices are f. o. b. Chicago.

GRAIN DEALERS JOURNAL
309 So. LaSalle St., Chicago, Ill.

10,000 SHIPPERS Are now using

TYDEN CAR SEALS

Bearing shipper's name and consecutive numbers.

Prevent CLAIM LOSSES

Write for samples and prices.

INTERNATIONAL SEAL & LOCK CO.

Railway Exchange Bldg., Chicago, Ill.



MACHINES FOR SALE.

FOR SALE—300 Salem and Buffalo elevator buckets, 6x18, in good condition and at a low price. The Riels Co., 407-9 Mitchell Bldg., Milwaukee, Wis.

FOR SALE—Union Special, Type "L", motor driven, bag closing machine. Write or wire **STANDARD MILL SUPPLY COMPANY**, 502 Waldheim Bldg., Kansas City, Mo.

DO YOU WANT to put your idle capital to work? That rusty machine over there in the corner is of intrinsic value to some member of the grain trade. You can make a sale or a trade if you use these columns.

FOR QUICK SALE.

Motor and belt driven single and double head attrition mills, slightly used, fully guaranteed. Wire, phone or write for extremely attractive prices. **DIAMOND HULLER CO.**, Winona, Minn.

BATCH MIXERS.

Latest type, very best on the market, from 400 to 4,000 pounds capacity. Prices reasonable, let us have your inquiries for prompt shipment. **Standard Mill Supply Company**, 502 Waldheim Bldg., Kansas City, Mo.

NEW AND USED MACHINERY FOR SALE.

One 22-in. double head Bauer ball bearing motor driven, Attrition Mills; 1 three pair high 9x18 Allis Feed Mill, in excellent condition; 1 Hess corn and grain drier, new, never has been set up, capacity 1,200 bu. per 24 hrs. For reasonable quotations on all kinds of mill and elevator equipment write or wire **STANDARD MILL SUPPLY COMPANY**, 501 Waldheim Building, Kansas City, Mo.

REAL BARGAINS.

Prompt Attention. Quick Shipments. When in need of elevator or mill machinery, notify us. We are headquarters for power and transmission equipment, and have on hand several well-known makes of motors, boilers, engines, etc.

Send us list of all your wants. We can supply you with full line of machinery for elevators, flour, corn and cereal mills. Complete equipment for modern mills of all kinds, molasses, stock and poultry feed plants, plans, specifications, flow sheets, etc., our specialty. Write us without delay.

SPROUT, WALDRON & CO.
9 S. Clinton St., Chicago, Ill.

MACHINES FOR SALE.

FOR SALE—Complete grinding outfit consisting 1—45 H. P. stationary Rumley engine. Good as new. 1—No. 3 hammer mill never been used also shafting, pulleys, pumps, etc. **Farmers Elevator Co.**, Hornick, Iowa.

SECOND HAND ELEVATOR MACHINERY

1 Globe truck dump.
1 Four bus. Richardson automatic scale.
1 Hall signaling distributor "10."
1 Van Ness safety man lift.
1 Complete single rope drive with 26 in. plain swinging tension.
1 60 in. wood split pulley.
2 36 in. wood split pulley.
1 28 in. wood split pulley.
1 32" 14, steel pulley 1 15/16 bore.
1 36" 14, steel pulley 1 15/16 bore.
30 ft 1 15/16 steel shafting.
Trego County Co-op. Ass'n, Wakeeney, Kan.

WILL SELL all or any part of the following equipment at a real bargain: 80 feet 2 3/16" steel shafting, 9-2 3/16" plain pillow blocks, three—2 3/16" by 30" Standard hangers, six safety collars, two 50 tooth No. 88 sprockets, 2—10 tooth No. 88 sprockets, two Minster 2 3/16" friction clutches, one 48" .3 groove 1" rope sheave, 1 24" 1 groove 1" rope sheave, 1 one groove swinging tension, four 2 3/16" flange couplings, 40 feet No. 88 malleable chain, 320' 1" Manila Elevator Transmission rope 1 2 3/16" by 3 1/4" U. S. Type friction clutch, 1 15 H. P. Fairbanks engine. All of the above equipment is in excellent condition and has been running efficiently up to the present time. **M. Funk & Son**, Kernan, Ill.

CONVEYOR SPECIALS.

Screw conveyors—1100' 12" Steel Boxed; 2 80', 1 100' 16".
Bucket conveyors—1 40' C-C; 1 15' C-C; 1 63' C-C; 1 57' C-C Steel Encased, including boots and drives.
Apron or pan conveyors—2 100' and 1 40' C-C 48" wide.
Belt conveyors—24" wide, 2000' various lengths. Complete with troughed idlers, gears, guides, take-ups, head and tail pulleys, etc., but no belting.
Scraper conveyors—2000' Bartlett & Snow double strand chain conveyor with scraping flights, in various lengths. Each length complete with return, steel supporting frame-work, head and tail driving chain sprockets, gearing, etc. All of the above in fine condition and priced for quick removal. Send for Complete details. **Consolidated Products Co., Inc.**, 14-17 Park Row, N. Y. C., Barclay 0600.

MACHINES FOR SALE

FOR SALE—Car loader, air blaster, new, very best on the market, reasonable. Write or wire 502 Waldheim Bldg., Kansas City, Mo.

WRITE ME

If you are in the market for good used machinery. I can supply you promptly. **L. R. Veatch**, 428 Pratt St., Buffalo, N. Y.

FOR SALE—18 inch Monarch Attrition Mill 10-h. p. motors, 2-phase, 60 cycle, alternating current, 220 volts; excellent condition; a bargain at \$200.00. Write **C. B. Crumpacker**, Afton, Iowa.

MACHINES WANTED.

WE WANT to buy immediately good A. T. Ferrell Clipper Cleaner. What have you, and what is your price? **Wisconsin Pop Corn Co.**, Waterloo, Wis.

WANTED TO BUY a second-hand batch mixer from 2,000 to 3,000 pounds capacity. State make of mixer and price in first letter. Mixer must be in good condition. Address **Boyd-Pate Grain & Milling Co.**, Joplin, Mo.

ENGINES FOR SALE

FOR SALE—20 H. P. type N Fairbanks-Morse oil engine. Running good when we installed electric power; also clutch pulley and rope drive complete including sheaves. **Dunbar Grain Company**, Wellsford, Kans.

For Sale

OIL ENGINES

15 H. P. Fairbanks-Morse, style H
20 H. P. Vinn Severin, Vertical
25 H. P. Fairbanks-Morse, style HB.
and all other sizes and makes,
with or without Generators.
ZELNICKER in ST. LOUIS
Rails, Equipment, Heavy Machinery

YOUR NAME

where every progressive grain dealer will see it, will convince them you are in business today.

That is in the

Grain Dealers Journal
OF CHICAGO

Truck Loads to Bushels

Direct Reduction Grain Tables on cards reduce any weight from 600 to 12,090 lbs. to bushels of 32, 48, 56, 60, 70 and 75 lbs. by 10-pound breaks. Just the thing for truck loads.

Printed on both sides of six cards, size 10 3/4 x 12 3/4 inches with marginal index, weight 1 lb. Price at Chicago, \$1.50. Order 3275Ex.

Grain Dealers Journal

309 So. La Salle St.

Chicago, Ill.

SEEDS FOR SALE—WANTED

John L. Kellogg Seed Co.



Chicago
Illinois

NORTH AMERICAN SEED COMPANY
MILWAUKEE, WIS.

"QUALITY BRAND"

Hardy Wisconsin Grown Clovers

FIELD SEEDS -- SEED CORN

Write for Samples and Freight Paid Prices

Crabbs Reynolds Taylor Company

CRAWFORDSVILLE, INDIANA

Buyers and Sellers

CLOVER AND TIMOTHY SEED—GRAIN

ED. F. MANGELSDORF & BRO.

Buyers and Sellers of Sweet Clover, Alfalfa, Clovers, Timothy, Grasses, Fodder,
Seeds Sudan Grass, Soy Beans, Cow Peas
St. Louis, Missouri

**If you have
a good thing**

Tell the Grain Dealers—
They'll do the rest—

Advertising is the quickest
and best way—but it must be
the right kind of advertising.

If you have spent your good
money without satisfactory re-
sults, it's a case of wrong arti-
cle or wrong advertising.

The easiest, most direct,
most popular and most effective
way to the grain dealer is The
Grain Dealers Journal route.

Try it.

**BUCKEYE BRAND
FIELD SEEDS**

Strictly No. 1 Quality

The J. M. McCullough's Sons Co
CINCINNATI OHIO

WE SPECIALIZE IN

ALFALFA BLUE GRASS
SUDAN MILLET and CANE

WRITE FOR SAMPLES AND PRICES

RUDY-PATRICK SEED CO.
Kansas City, Mo.

J. G. PEPPARD SEED COMPANY

Buyers SEEDS Sellers

ALFALFA, CLOVER, BLUE GRASS, SWEET CLOVER

KANSAS CITY, MO.

FIELD SEEDS

BUYERS — SELLERS
Glad to Quote

J. OLIVER JOHNSON, INC.

946-960 W. Huron St. Chicago, Ill.

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Read the Advertising pages.

They contain many stories of interest.

The *Grain Dealers Journal* pre-
sents only reputable concerns.



NOW IS THE TIME

to make outside repairs. Loose
siding should be repaired or re-
placed when the weather is good
and before grain is placed in storage.

Many elevators are now being
protected against lightning to avoid damage during the
crop movement when loss of elevator would mean loss
of the season's profits.

GRAIN DEALERS NATIONAL MUTUAL FIRE INS. CO.

INDIANAPOLIS, INDIANA

J. J. Fitzgerald
Secretary & Treasurer
Indianapolis, Ind.

C. R. McCotter
Asst. Secy. and Western Mgr.
Omaha, Neb.

**TRI-STATE MUTUAL
GRAIN DEALERS FIRE INSURANCE CO.**

LUVERNE, MINN.

We write Fire and Tornado Insurance covering Grain Ele-
vators and contents, also Dwellings and Mercantile property.
OVER HALF A MILLION DOLLARS RETURNED TO OUR
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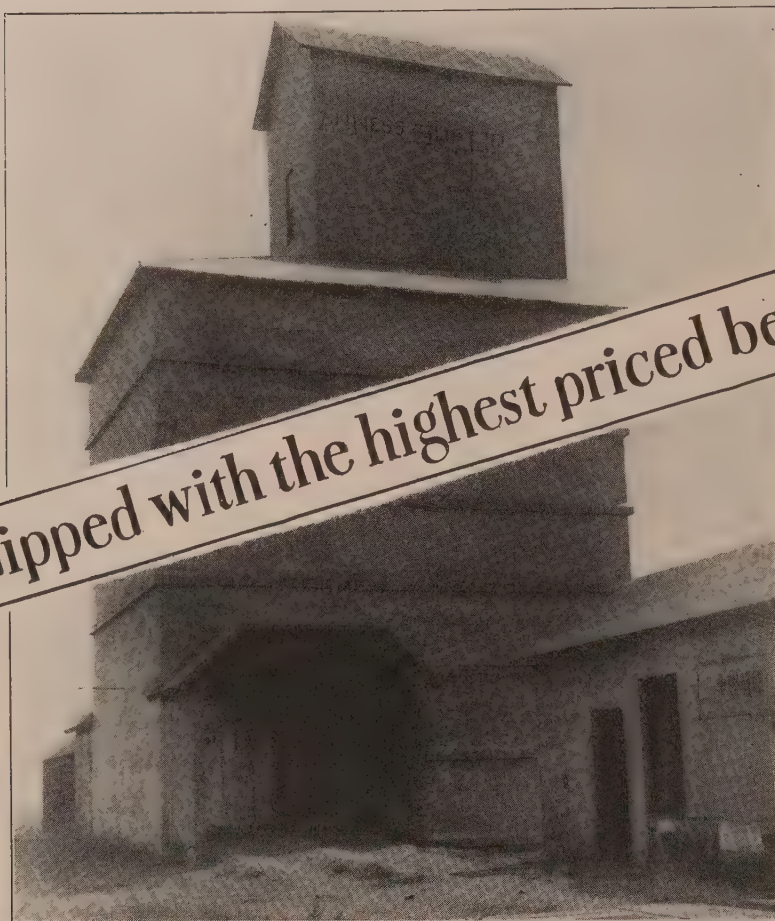
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ONE after another the letters come drifting in from enthusiastic grain elevator men who have saved themselves a lot of time, trouble and money since installing **SKF** Ball Bearings. If you could see them, the sincerity of the writers would be self-evident. For instance, Mr. Robert C. Small, of the Robert C. Small Grain Co., Anness, Kansas, writes:—

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Ball and Roller Bearings

GRAIN DEALERS JOURNAL

309 South La Salle Street, Chicago, Ill., U. S. A.
Charles S. Clark, Manager

Published on the 10th and 25th of each month in the interests of better business methods for progressive wholesale dealers in grain and field seeds. It is the champion of improved mechanical equipment for facilitating and expediting the handling, grinding and improvement of grain, feeds and seeds.

SUBSCRIPTION RATES to United States, semi-monthly, one year, cash with order, \$2.00; single copy, 20c.

To Foreign Countries within the Postal Union, prepaid, one year, \$3.00; to Canada and Mexico, prepaid, \$2.50.

THE ADVERTISING value of the Grain Dealers Journal as a medium for reaching progressive grain dealers and elevator operators is unquestioned. The character and number of advertisements in each number tell of its worth. If you would be classed with the leading firms catering to the wholesale grain trade, place your announcements in the Journal.

Advertisements of meritorious grain elevator machinery and supplies and of responsible firms who seek to serve grain dealers are solicited. We will not knowingly permit our pages to be used by irresponsible firms for advertising a fake or a swindle.

LETTERS on subjects of interest to those engaged in the grain trade, news items, reports on crops, grain movement, new grain firms, new grain elevators, contemplated improvements, grain receipts, shipments, and cars leaking grain in transit, are always welcome. Let us hear from you.

QUERIES for grain trade information not found in the Journal are invited. Address "Asked-Answered" department. The service is free.

CHICAGO, JUNE 10, 1929

WHEN YOU see a car leaking grain in transit, tell us its initials, number, direction, kind of grain and part of car where leak occurs as well as the date and thereby help your brother-dealer to authenticate his just claim for shortage.

EXPORT DEBENTURES have a strong hold in the Senate as an antidote to the high tariff, and as a pacifier of the members of the farm bloc who last year were threatening to destroy the protective tariff unless the farmer was given help.

YOUR POWER COMPANY is first interested in selling current every business day of the year, so if it equips your plant with motors twice the size needed at cost, it will soon be money ahead, and you will buy more current than you need every day.

AFTER THE fire every elevator owner should exercise every vigilance known to the fire-fighter to protect and save any of his property just as tho it were not insured. By so doing the elevator owner reduces his own loss as well as the cost of his insurance.

WAGON scales are dependable weighing facilities when kept in condition and with weighing vigilantly watched; but when a station ships so little grain that the operator can not afford a hopper or an automatic scale he would improve his standing with the railroad claim agent by abandoning that station and compelling the farmer to haul his grain farther to an elevator properly equipped.

BLACKSTRAP IS not to be barred by a high import duty. The members of Congress at last seem to have learned that this by-product of the sugar mills is such an attractive ingredient for feeds that farmers will use it regardless of the duty, which will no doubt help to keep the import duty down where it belongs.

THE WORK of the Appeals Com'te or Board of Review under the Federal Grain Standards Act has been so unsatisfactory all sections of the trade seem determined to work for a change and so far the change in vogue at Kansas City has given promise of the fairest results and meets with the approval of the greatest number.

GOVERNMENT meddling with business ought to be pretty well discredited. After a few years of McAdoo the railroads were in a deplorable condition. After several years of federal reserve, money is excessively dear. After several seasons of the Grain Futures Administration wheat prices are the lowest for many years.

ALL CROP reports from the winter wheat district seem to support the Government's estimate for a crop much above the ten-year average, so the wheat prices on the coming crop are likely to sag unless the wheat growers of other sections of the world fail to realize as splendid results as will the farmers of the United States this year.

CONFLICTION of interests makes the arrangement of the new tariff schedule a real problem, difficult to solve, even for politicians. Several proposals are made to protect domestic corn. If all of them are put thru and the effect is as hoped every backyard will be turned into a corn field and city flat dwellers will plant corn in their window boxes.

FORECASTING MARKET prices for grain and advising producers when to sell and when to hold grain is not within the proper activity of an agricultural college and if indulged in for any length of time is sure to bring the forecasters into disrepute with the public press and all persons who have shown any disposition to heed the advice of the bureaucratic prophets.

HANDLERS OF combined wheat will not suffer heavy losses in the rush of this crop of wheat to market if they have given any attention to the repeated warnings of their fellow dealers published in different numbers of the Journal. Wheat cut while still green or in the morning and wheat containing a large percentage of green weed seed merits the vigilant attention of every wheat handler.

ORAL CONTRACTS seem to get so many buyers and sellers into trouble one would think every dealer would insist upon having a written confirmation of every oral contract. Some states will not recognize the validity of oral contracts for sums exceeding in some \$50 and in others \$100 and \$200, so it behooves every dealer accustomed to entering into verbal contracts to familiarize himself with the law limiting amounts for which oral contracts are valid.

HENCEFORTH GRAIN graded in one Minnesota terminal need not be inspected at another Minnesota terminal. However, if the contents of a car are shown to be out of condition at the second terminal, an appeal can be taken from the first market's grading.

CHAIN stores in the retail feed business are in the offing. The promoters look at the \$22,000,000 profit made in the fiscal year ending Feb. 28 by one food chain extending from the Atlantic to the Pacific. A speaker at the recent Milwaukee meeting of feed retailers showed how the individual feed retailer could make his share of this profit himself and stay in business in competition with the chain.

INTEREST on advances on grain Bs/L has been raised by some markets to 7 per cent, and in the event of delayed movement of grain en route by reason of congestion or embargoes shippers may be severely penalized. At the first symptoms of slow movement an endeavor should be made to choose the near-by markets and caution bankers against roundabout routing of documents that delay handling at terminals.

GRAIN DEALERS, who are still refusing to support their local ass'ns in their efforts to improve business conditions, may be urged to recognize the benefits of associated effort by the long and successful life of the Ohio Grain Dealers Ass'n, which will celebrate its Golden Anniversary next week by entering into a new year which promises to be of greater help to the members of the trade than any that have gone before.

WHEN TWENTY live stock ass'ns by resolution request the sec'y of agriculture and the department of justice, as they did recently, to abrogate the decree prohibiting the packers from handling side lines, it is cheering as an indication that the producers are no longer to be fooled by politicians advocating the strict regulation of business in the stock yards or the grain pits that hurts the market for the products of the farm.

THE recommendations by the two examiners of the Interstate Commerce Commission on the grain rate structure reflect no credit on the authors of the Hoch-Smith resolution. The resolution was intended by the two Congressmen to lead toward a reduction in freight rates on farm products, but the finding of the examiners after the voluminous testimony is that rates are sufficiently low and in many cases must be advanced to maintain a parity.

THE COMBINE harvester has resulted in the heating of so much small grain, grain dealers in the combine territory will give an enthusiastic welcome to the plan outlined and illustrated in our article on the Development in the Panhandle. The farmers of the Southwest are now arranging the cut grain in windrows deposited shingle fashion on top of the stubble. When so arranged the grain and the weeds dry out so thoroughly in three or four days that it can be picked up, threshed and stored with safety. The illustrated description published with our article on the Panhandle Development should prove of more than passing interest to every dealer who expects to handle combine grain.

IRON CLADDING grain elevators and grain warehouses has earned such an attractive credit on all fire insurance premiums that we seldom learn of a new elevator being erected, which is not iron clad. Thru the employment of experienced sheet iron layers the old difficulty of having iron removed every time a good windstorm struck the district is avoided. Sheet iron can and is being applied to an elevator so that it will stay and keep the water out.

DELAY OF grain shipments in transit an unreasonable time makes carrier liable for loss of shipper should the market decline during the delay. So many shippers have succeeded in collecting for such losses no grain shipper should experience difficulty in authenticating his claim if he can prove much prompter delivery of shipments to the same point by the same carrier and this should not be difficult for any shipper who keeps a record of the time his shipments are in transit.

LARGER SCALES, receiving pits and legs are being installed in all new elevators and in many old houses. The employment of larger and larger trucks for hauling grain to market, the farmers' impatience to return home, and the urgent necessity of promptly turning, blowing and shipping out the grain received makes it imperative that every new elevator should be equipped with larger handling facilities in order that the movement of the grain thru the house may be expedited and its heating prevented by blowing or turning.

USING BROKERS will obviate the difficulty alleged by a federal official speaking at a recent meeting of farmers elevator companies in Ohio to exist in shipments of cars from surplus localities to terminal markets only to be resold to customers in the same or adjacent territory where originated. These brokers are located also at interior points and it is the duty of the elevator operator to inform himself on these channels of distribution by the use of which at a small brokerage and some telegraf expense to save big freight bills.

ADVOCATES of an appropriation of \$500,000 for additional grain inspectors in Canada to prevent mixing lose sight of the fact that all inspection and grading adds nothing to the intrinsic value of the commodity. The most that can be said in favor of inspection is that it results in a more equitable division of the proceeds of sale. The sum total of the wealth divisible among the people is, however, diminished by the cost of supporting the army of fee grabbers and inspectors, so that the country is poorer with inspectors than without.

A QUERY in our "Asked-Answered" Department this number, encourages us to think that some grain dealers are actually considering the cost of handling grain thru an elevator as all should do. According to the admissions of many dealers made at different conferences, the only check they place on their business is when the crop is moved and the house cleaned up, the balance at the bank showing a loss or a profit on the year's struggle. That is surely a long wait to determine whether or not old-time business methods may be continued without calling on the sheriff for relief.

KANSAS' present governor is known to be thoroly well posted on traffic matters and the Interstate Commerce Act, and knowing that the legitimate procedure toward a change in freight rates is thru the Commission his long distance telephone conversation with Washington bureaucrats in which he howled for reduced rates to help the farmer (and put down the price) was merely a grand stand play. Both the governor and the Kansas Senator ought to be well pleased with the result of their bear-raid, under which the price of wheat was cut treble the amount of the rate reduction.

A SERVANT girl just dotes on an official in uniform, and many farmers of no more intelligence believe a government official must possess superior wisdom. When former Sec'y of Agriculture Jardine last year advised farmers to hold their wheat for higher prices those producers who held their crops plainly were misled by the official title, for if they had considered him only as a fellow farmer, which he is, they would have known his opinion was worth no more than their own. The course of prices of grain proved his forecast to be worthless, and those who acted upon it have lost heavily.

WHEAT mixtures suitable for milling are selling at Kansas City 4 cents under Kansas City December, and millers who sell flour to be delivered next crop year are unwittingly courting a heavy loss, since at the time they enter the market for the wheat to grind the milling mixture may be 15 cents over December, as it was a year ago. The head of the biggest milling concern estimates the penalty on forward sales to next December to be 60c to \$1.20 per barrel. The com'te on sales of the Millers Federation has recommended, therefore, that prices on flour to be delivered next year be based on wheat at a premium above the May future.

CLEAR RECORD cars serve principally to give railroad claim agents a flimsy excuse for rejecting valid claims for grain lost in transit. Because a car has a clear record does not prove that it was not robbed in transit or that grain did not leak from it in transit and even tho the record is clear, it does not weaken the shipper's claim for loss one iota. If the shipper proves that his scales were weighing grain correctly and that his records were accurately kept, then it should be an easy matter for any shipper to prove how much grain he placed in the car and that amount is the amount the railroad company contracts to deliver at destination when it signs the bill of lading.

MIXING of United States and Canadian wheat is practiced at Montreal, but it is not detrimental to the producer or consumer as alleged for the reason the grain so mixed does not go out under a Canadian certificate of grade. Why object when buyers of this mixed macaroni wheat know well what they are purchasing. The biggest mill in New York City has just sold its large wheat mixing and washing elevator at Buffalo to an elevator company there, and probably will be content to have its scouring, liming, mixing and washing done by an elevator company, the sec'y of the Dominion Millers Ass'n's vociferations to the contrary notwithstanding.

Increased Wheat Acreage Likely to Depress Prices.

The opening of many thousand new acres in the Southwest and Montana, combined with many more thousand of acres opened in the Peace River country of Canada to the cultivation of wheat, promises to effect a further increase in the production of wheat, which will help to depress prices in spite of all legislation Congress can enact. One thing our pin-headed politicians and farmer agitators cannot comprehend is that wheat is a world commodity and all producers and consumers help to influence the world price.

Australia and the Argentine have been increasing their production year after year without any material increase in their consumption of wheat, and they have poured their surplus into the world's markets in ever increasing quantity. If the United States farmers would engage in the production of some commodity that could be marketed within our own borders then Congress might wield a great influence in the market value of that commodity by means of a high import tariff or a premium on production, but the influence of any U. S. legislation on the price of wheat is almost nil.

Excessive production of any commodity always results in a slow and unprofitable market and the more the surplus is advertised to the world's buyers the more depressing its influence on market prices.

Why Advertise Our Surplus Wheat Supply?

The public seems slowly coming to a realization of the fact that the United States grain grower would have been much better off if the farm agitators and political potboilers had not advertised to the world that the United States would carry over a larger surplus of wheat onto the new crop than it had done for years. No sooner had the politicians commenced to demand a reduction in freight rates on grain to the seaboard for export than the Argentine exporters immediately dumped twenty million bushels of wheat onto the European Markets at cut prices.

As soon as the railroads began to show a willingness to grant a reduction in freight rates on export grain the Canadian railroads immediately granted reductions in freight rates on grain for export in hope of helping Canadian wheat exporters to meet United States competition in the European wheat markets. It is the prevailing conviction of grain exporters generally that the reduction in export freight rates at the end of the crop movement will not benefit the growers one iota, but it will help European consumers to bread at a reduced price.

If the United States Government, thru its irrigation schemes and opening of new acres to the cultivation, would forbid the planting of more acres to wheat and encourage the planting of all new land to some profitable crop which would not compete with the world's wheat producers, it would do much to relieve the condition of wheat growers everywhere. It is a very difficult matter to help the wheat growers of any land without at the same time helping the wheat growers of all other lands,

because any reduction in the world's wheat supply will immediately be felt in all wheat producing and consuming countries.

The Privilege of Mixing.

Testimony before the Grain Inquiry Commission in Canada brought out a statement from the Commission that the farmers of Saskatchewan are opposed virtually 100 per cent to the practice of mixing and want it discontinued and made illegal, and "we recommend that the standard of inspection out of the private terminals be raised, and in that way the producer will receive protection and should realize for his product a price close to its actual value." Such unfairness is just what might be expected from a body that had listened to continued criticisms by producers and millers who are jealous of the efficient cleaning and mixing house.

Millers clean and blend all wheat, and many even wash and lime the grain, in an endeavor, which is their right, to improve the quality going to the rolls. It is only fair that they should enjoy the privilege of having this work all done in advance for them by the properly equipped grain elevator. If it is not a crime when the miller cleans the wheat, why a crime when the grain dealer improves the grain? Surely the bread eaters will not buy flour made from sticks, straws and other foreign matter. The real crime is committed by the producer who permits the harvester to leave the trash in his wheat. All of it should be removed and ground or burned. Its shipment should be forbidden.

Dealing with Sharpers Unprofitable.

Altho trade ass'ns and the organized central markets have done much to make fair trading the rule in the grain business there are a number of smaller concerns who are constantly trying to devise a loophole to get out of a deal.

It is one of the advantages of the annual convention that the grain shippers and brokers can get together and compare their experiences with tricky customers, and resolve to deal with such only with a 10-foot pole.

Brokers often are the victims of tricky buyers who pile up telegram costs that eat up the broker's small margin on feed of 25 cents a ton or \$5 a car. A broker can not afford more expense in working up orders than the sale will net him.

An example is the action of a buyer of bran at Rushville, who sent a wire collect to a Chicago broker "subject our confirmation," and then wrote a letter that cars would be refused unless samples were sent. When sample was sent buyer wired an acceptance and then within an hour wired cancellation, all these wires at the broker's expense (attempted).

A broker can not always furnish sample, being unable to determine in advance from what mill the shipment would be made, and can not as a broker make an indefinite trade, as he has to go out and book the feed before he can give a definite contract.

A buyer who wants the broker to pay the expense of telegrams and toll calls both ways and still ask the broker to keep offer open until buyer could arrive at some definite decision should be black-listed.

Stabilizing Prices Thru the Medium of Markets for Future Deliveries.

The politicians responsible for the many handicaps thrown about trading in grain for future delivery may be deeply puzzled by the establishment of markets for trading in many different commodities for future deliveries in this country and Europe. Senator Capper and his radical followers have encumbered the grain markets with so many unnecessary regulations and restrictions that many strong speculators have abandoned the grain markets because, to them it seems impossible to succeed in dealing in grain for future delivery so long as the Government persists in reporting their operations to the world.

The Memphis Merchants Exchange recently established trading in cottonseed meal for future delivery. The Merchants Exchange at St. Louis is today starting to trade in millfeed for future delivery. Many of the western Grain Exchanges and Boards of Trade have started to trade in local stocks for future delivery. Last year New York established a future market for silks, recently it established a future market for tin and it is now preparing to trade in hides for future delivery. The London Corn Trade Ass'n is starting to trade in wheat for future delivery and Hamburg grain dealers will trade in all grains for future delivery.

The purpose of these innovations the world over by merchants long experienced in dealing in these different commodities is to stabilize the markets by distributing the speculative element in the contracts of manufacturers or handlers of raw products over a period of months and among many different persons so as to minimize the hazards of each.

The grain dealer who daily buys large quantities of grain is anxious to avoid carrying all the risk of ownership in that grain any longer than he can avoid, so he sells his holdings for different deliveries, and as he sells the cash article to manufacturers in need of raw material to fill their sales, the grain dealer buys in his hedge. It is the same in any other commodity dealt in for future delivery. It should not hurt the pride of any farmer if some speculator buys all his grain at the prevailing market prices and holds it for delivery against future sales.

If one company, immediately following harvest, purchased all the wheat grown on this continent its managers would be very uneasy until it had succeeded in selling a good portion of its holdings for future delivery. But if the same quantity of wheat is held by 25,000 owners, then the nervous worry of each holder is materially reduced and the anxiety to sell and get relief from the speculative element is so small that the owners of the country's product will not unwillingly depress prices by forcing their holdings onto the market.

If the growers of grain are willing to speculate in their product, they can easily do it by holding it in storage on their farms out of sight just as many Kansas farmers are doing this year by installing iron storage tanks to protect their grain until such a time as the market reaches a figure at which they will be willing to sell. The speculative element is present in all property. While every farmer

buys an additional section of land for the immediate purpose of cultivation, he expects that eventually he will be able to sell it for very much more than he paid. If he had any idea that the price of the land would decline he would rent it instead of buying it. When he was ready to sell he would not ask the politicians and the farm agitators to advertise to the world that he had more land than he could make use of, and that he must sell a good portion of his holdings. Surely that would not help him to dispose of his land holdings at a profit; neither has similar agitation helped him to better prices for his commodities.

The far-seeing farmers have been quick to appreciate the depressing influence of this discouraging advertising and have refused to lend any support to the radical schemes promoted primarily to help the promoters at the expense of the grain growers. What the farmer needs more than anything else is complete relief from meddling politicians and farm agitators who make no effort to gain a clear understanding of the economic laws which control the prices of farm commodities.

Emergency Freight Rate and the Future Market.

The present conditions in the grain markets of the United States indicate low prices during the early movement of grain after harvest, due to the large stocks carried over and the necessity of putting grain on the cars before Oct. 1 in order to take advantage of the emergency reduced freight rates. Combine harvesting will add to the peak load and the carriers have massed great numbers of box cars at interior points, the loading of which will add to the pressure upon terminal handling and storage facilities during the summer.

Holders of grain who carry over Oct. 1 may lose the amount of the reduced freight rate, but there is a way to load the grain before Oct. 1 to realize upon the low freight rate and still carry the grain, and that is to buy a distant future in the wheat pit to replace the cash grain shipped out. That many are so doing is apparent from the premium the December future commands over the July and September deliveries. This is aside from the speculative profits that may accrue thru the stabilization operations or the debenture bonus.

Commission Sustained by Supreme Court.

The Supreme Court of the United States on June 3 sustained the finding of the Interstate Commerce Commission and the federal court at Chicago in the matter of western rates on grain to the Gulf.

Much of the grain is moved by Kansas City, Mo., or Wichita, Kan., for milling, storage and cleaning instead of taking the more direct routes to gulf ports. To prevent competitors from obtaining the remainder of the haul from Kansas City and Wichita to gulf ports the Santa Fe, Rock Island and Missouri Pacific gave such traffic thru rates with transit privileges from the grain fields to gulf ports.

Their competitors put into effect new rates to meet this change. The Santa Fe, Rock Island and Missouri Pacific met this move by making their rates from points of origin to Kansas City and Wichita higher than the existing local rates to apply wherever the outward movement from Kansas City or Wichita, after transit privileges, was made over the lines of their competitors.

Kansas City and Wichita boards of trade protested, and the Commission, after a hearing, ordered canceled the proposed new proportional rates.

Asked—Answered

[Readers who fail to find trade information desired should send query for free publication here. The experience of your brother dealers is worth consulting. Replies to queries are solicited.]

Oral Contracts in Oklahoma?

Grain Dealers Journal: What is the limit on oral contracts in Oklahoma?—A. H. B.

Ans.: The Oklahoma statute of frauds, Sec. 5034, provides: An agreement for the sale of goods at a price not less than \$50 is not valid under the statute of frauds unless all the terms of the contract, including the description of the goods sold, the terms of credit agreed upon and the provisions as to time and manner of delivery, are evidenced by writing subscribed by the party to be charged or his agent.

To Get Settlement with Jobber?

Grain Dealers Journal: I have a claim with a jobber on corn, but do not seem to be able to get it. What is the name and address of commission to write to get a hearing?—O. B. Disenroth, mgr. Leslie Elevator Co., Leslie, Mich.

Ans.: If the jobber is a member of any grain exchange write the sec'y of the exchange. If not, take up the matter with the sec'y of the state or the Grain Dealers National Ass'n, if either of you are members.

Claim for Delay in Transit?

Grain Dealers Journal: A car of corn was billed out for St. Louis, Mo., by the writer at 10 a. m., May 25. The freight train came thru some time in the afternoon, but did not take this car of grain. Had they taken it the corn would have been on the market Wednesday, May 29.

As it was the car was not picked up until Monday, May 27, and would naturally be on the market May 31.

Yellow corn of that grade sold May 27 at 90 cents St. Louis; and the same grade May 31 brot only 88 cents.

Must we stand the loss or have we grounds for a claim against the railroad company for the 2 cents per bushel loss?

I ordered the car so as to get the corn on the market before the holiday, as usually an accumulation of two days brings lower prices. —G. G. Garver, mgr. Garver Grain Co., Clearfield, Ia.

Ans.: This claim for damages due to delay and having to sell on a lower market is good.

It is admitted that carriers are liable for delay during a decline in market value. The only question is as to the reasonable time allowed for movement to market. It is not reasonable to allow a shipment of grain to lie over two days at point of origin.

A score of court decisions could be cited to support the claim.

The Lawton Grain Co. got judgment against the Rock Island in the Supreme Court of Oklahoma for delay in moving a car of wheat from Mountain View, Okla., where it was loaded and left Aug. 2, and did not arrive at St. Louis unloading station until Aug. 13. Another car of wheat from Devol, Okla., in the same vicinity was shipped Aug. 1 and was delivered and sold in St. Louis Aug. 7. The jury allowed 36 cents per bushel for the drop in the market. Reported in full in the Grain Dealers Journal, vol. 52, page 233.

For unreasonable delay in the movement of a car of wheat from Baker via Sandstone, Minn., to Duluth, Sept. 17 to Sept. 25, the Supreme Court of Minnesota gave the National Elevator Co. judgment against the Great Northern for damages due to decline in market during the delay. Reported in Grain Dealers Journal, vol. 42, page 413.

The Lawton Grain Co. in another case got judgment against the Frisco for three days' delay during which the market declined, in the amount of \$203.87 on one car of grain. Reported in the Journal, vol. 41, page 745.

In Rock Island v. C. C. Mill, Elevator & Light Co., the Court of Civil Appeals of Texas held, Where there was unreasonable delay in the shipment of a consignment of grain, and the market price declined during such delay, the carrier was liable for the difference between the price of the grain at the time it should

have arrived and the time it did arrive. 87 S. W. Rep. 753.

The shipper, if claim is refused and he is forced to go to court, must show the usual and customary time in transit between the two points.

If more than the reasonable time so proved was consumed in transit the burden is on the carrier to show it was not negligent.

Destruction of Elevators by German Spies?

Grain Dealers Journal: I represent the Kentucky Public Elevator Co., of Louisville, Ky., in the matter of their claim before the Mixed Claims Commission under the treaty between the United States and Germany.

The claim is based upon the alleged destruction of a grain elevator plant by German spies on February 25, 1917.

Will you kindly let me know if you ever published any information about the activities of German spies during the war period with respect to the destruction of grain elevators in the United States or any reports made by the Government officials which investigated the same.—Lewis A. McGowan, Washington, D. C.

Ans.: There was no apparent increase in the number of grain elevators burned during the war.

In the few arson cases those guilty were not known to have been German agents or sympathizers.

Rumors that German spies were going to destroy grain elevators were so numerous that a sort of hysteria developed, under the stress of which elevator proprietors were directed to fence their plants with barbed wire and keep the grounds brightly electric lighted all night to detect prowlers who never appeared.

Evidently the German high command deemed it unnecessary to destroy grain in America, since they were confident their submarines could sink most of the grain boats crossing the ocean. German submarines did sink hundreds of grain laden ships.

Automatic and Wagon Weights in Claims?

Grain Dealers Journal: Can you give us any information as to a shippers status on claim for shortage in transit on clear record car, car being loaded over automatic and wagon scales. Past record of the station's weights have been very good. What status would we have in case of suit.—C. W., Derr, Mitchell, S. D.

Ans.: The court will permit the defendant to introduce the clear record as evidence, but will instruct the jury that the clear record or proof of weight when unloaded has no bearing on the weight loaded into the car at point of origin.

In a few cases where the railroad attorneys introduced the clear record it did not help them any.

The court will permit you to put in evidence your proof of automatic and wagon scale weights; and the judge will cast no aspersions on your wagon scale weights, the jury being permitted to accept your weights if in their judgment you have backed them up by showing how careful your men are in weighing and that past records have been very good.

From the legal standpoint you will see that your status is excellent.

It is up to claimant to bring before the jury every fact bearing on the weighing to make them believe his scales are tested from time to time, kept in order and proper records made of drafts.

There is nothing in the law against wagon scale weights.

Docket 9009 of the Interstate Commerce Commission gives specifications for automatic shipping scales as an adequate weighing facility, but the failure to mention wagon scales was due to the fact the grain men's com'ite submitted no specifications for the wagon scale to the I. C. C.

It is not advisable to start suit on wagon

scale weights to car unless well supported by evidence that the movement of the grain by wagon from scale to car was supervised at all times to see that each load got into the car, that the car was sealed over night until loading was completed, and that the grain did not leak out of the wagons en route to the car.

One claim collecting agency has instructed shippers to discontinue the use of wagon scales for arriving at loading weights at country shipping points.

Wheat Prices in Kansas and Saskatchewan

Grain Dealers Journal: It has been raining here all day, May 31, and I have spent the greater part of the afternoon talking with a man who owns a farm in or rather near Wilcox, Saskatchewan, Canada. He is a member of the Canadian Wheat Pool and has been extolling the merits of this pool and belittling the grain markets of the United States. He tells me that he received on last year's crop an initial payment of 85c per bushel and later on another payment of 15c per bushel and that the pool writes that two more payments will be made, and he figures that he will receive about 1.20 per bushel for his wheat. He tells me that on the previous year he received a total payment of 1.28 per bushel.

He also says that the Canadian wheat farmer gets from 10 to 20 cents per bu. more for his wheat than the Kansas farmer, that is the independent farmer in Canada. He also says that in the days before the wheat pool Canadian farmers along the U. S. border could slip their wheat across the line into the U. S. and get more money than in Canada, and that he once shipped two cars of grain out of Winnipeg into the U. S. and paid the tariff and received a much larger price than he would have received at Winnipeg. He tells me this to boost the pool, and there might of course have been some sort of condition at that time when U. S. wheat was worth more money.

What I want to ask is this. Can the Journal tell me what ordinary wheat would sell for today, that is what would the pool sell a car load of such wheat f. o. b. Winnipeg to some Canadian mill and from this price deduct the freight and elevator handling charges, and figure from this just what a Canadian farmer would receive for his wheat. We are paying 75c per bushel and I want to see just what this bird would get if he sold on today's market up there.—Peabody Mills, E. B. Grogan, Peabody, Kan.

Ans.: Trading in Winnipeg is on the basis of delivered Fort William, a port on Lake Superior corresponding to Chicago on Lake Michigan. To ascertain the price at an interior point like Wilcox, Saskatchewan, we deduct the freight rate to Fort William, Ont., which is quoted by the Canadian Pacific at exactly 20 cents per 100 lbs. for the 775 miles, from the cash price at Fort William.

Deducting 12 cents freight and 6 cents handling charges the price of wheat, No. 5, which most of it grades at Fort William, is the Fort William cash price of 87½¢ on May 31, less 18 cents, or 69½¢ cents at Wilcox, which is 5½¢ less than is being paid at Peabody, Kan.

What the farmer in Canada gets for his wheat depends more upon the grade, as there is wide spread. No. 1 northern sells 1c under Winnipeg July price, while No. 6, of which there is a considerable quantity, sells at 33 cents under July. Deducting freight and elevator charges the farmer at Wilcox should receive only 57 cents per bushel for his No. 6 wheat, the Fort William price of No. 6 having been 74½¢ on May 31.

Credit for any increased price the farmer in Canada realizes over that obtained by the farmer in the States for the corresponding quality of wheat belongs not to the pool but to the subsidized railroads of the Dominion, which grant very low rates. For example, the freight rate from Halsey, Neb., 775 miles, to Chicago, on wheat over the Burlington is 40 cents, exactly double the rate for the same distance from Wilcox to Fort William, per 100 lbs. The difference in freight is 12 cents per bushel in favor of the Canadian wheat grower, but he enjoyed this benefit before we ever heard of the pool.

Margins of profit of independent dealers and line companies have been cut so narrow by severe competition that there is no room for a pool or any other agency to effect any saving to the producer on the one hand or the consumer on the other.

Line companies and exporters make specu-

lative profits that the pool does not obtain for its members, as the pool does not sell at the top of the market, but sells at the bottom as well as at the top. One reason for the present weakness of the wheat market is that when navigation opened there was on hand nearly a quarter of a billion bushels of Canadian wheat. Much of this accumulation was and is owned by the Canadian pool. Exporters of experience would have sold last fall when prices were higher, a leading exporter of Chicago and Kansas City having been persistently bearish in his market opinions several months ago, stoutly maintaining that bulges could not hold in the face of large supplies.

Cost of Handling Grain.

Grain Dealers Journal: We are seeking statistical and other information relative to the cost of handling grain through country grain elevators, that is prior to its being loaded in the cars ready for terminal markets.

Has the Journal published any such figures, data or information, or any government or state university analysis of such costs?—Holcomb-Dutton Lumber Co., Sycamore, Ill.

Ans.: Data on handling costs of 75 co-operative and 75 independent country elevators collected by Professor R. M. Green of Manhattan, Kan., were published in the Journal for May 25, 1922; and later by Professor Green in Aug. 25, 1926, number. In May 25, 1929, number Chas. T. Peavey gave facts on handling costs showing the need of adequate margin when buying grain.

Failure to Supply Billing Instructions.

Grain Dealers Journal: Some months ago we sold a number of cars of wheat to a terminal merchandiser on contract. When delivery time came the market had dropped below the contracted price. We asked the buyer for billing instructions and he informed us that he could not supply them. Just before the specified contract time expired we asked for billing instructions again and he replied with the same information, that his buyer had failed to give him instructions, and that he could not, therefore, give us shipping instructions.

We shipped the wheat to this firm and drew drafts to cover the contracted price. He turned down the drafts. Then we issued reconsignment instructions and sold the wheat to another party.

The original buyer refused to settle for the difference between the sum we received for the grain and the figure at which he contracted, claiming we had agreed to extend the time for billing instructions. However, we failed to make any such agreement. Now we have taken the matter up with an attorney who thinks we can collect the difference in suit. Where do we stand in this matter?—J. A. Hershey, Turpin Grain Co., Turpin, Okla.

Ans.: The Turpin Grain Co.'s course in handling this default has been strictly according to law and trade rules, under the facts stated.

The difference can be collected by suit, if the defendant has sufficient assets upon which to levy the judgment.

Ordinarily a seller is required to act promptly when a buyer refuses to take a shipment in contract time; but in this case seller has the privilege, since buyer wanted an extension, of waiting a reasonable time after expiration of contract, for billing instructions before selling for the account of whom it may concern. In other words, when a buyer is playing for time and has lost his rights, the seller can pick his own time, within say 30 days, to close out the buyer by selling elsewhere. If, after 30 days the buyer was still willing to take the grain and asking for more time, the seller could take advantage of this to delay closing out for another couple of weeks, as such additional delay would be reasonable.

The foregoing is based on seller's statement that he had not made an agreement to extend the time for billing instructions.

Loss on the North Dakota state mill and elevator was \$24,742.83 for April to be added to red ink accounts of \$16,880.62 for January and \$23,738.42 for February. The loss now totals \$1,682,737.26 for the period of operation. Gov. Shafer, who had asked to be relieved as manager, has been puzzled by a profit for one month, March.

The New Tariff.

Boosting the tariff on some grains and grain and feed products, the Hawley bill passed the house of representatives on May 28 by a vote of 264 to 147. The bill is now in the senate where com'ites are holding hearings. Among the rates in the bill are:

Wheat 42c per 60 lbs. (Increased from 30c.)
Corn and cracked corn 25c per 56 lbs. (Increased from 15c.)
Oats 15c per 32 lbs.; unhulled ground oats 45c per cwt.
Molasses 3.3c per gallon.
Peanuts 4½c per lb.
Soy beans 2c per lb.
Seeds, per lb.: Alfalfa 5c; alsike 5c; crimson clover 2c; red clover 6c; white clover 6c; millet 1c; orchard grass 5c; timothy 2c; blue grass 5c.
Barley 20c per 48 lbs.
Malt 40c per 100 lbs.
Pearl barley 2c per lb.
Buckwheat, hulled or unhulled, 25c per 100 lbs. (Increased from 10c.)
Hulls of oats, barley or buckwheat, ground or unground, 10c per 100 lbs.
Broom corn \$10 per ton. (Formerly free.)
Rough rice 1¼c per lb.; milled rice 2½c per lb. (Increased from 2c.)
Rye 15c per 56 lbs.; rye malt 40c per 100 lbs.
Wheat flour \$1.04 per 100 lbs. (Increased from 78c.)
Bran changed from 15 to 10% ad valorem; hulls of grains 10c per 100 lbs.
Mixed feeds 10% ad valorem.
Screenings, unground or ground, 10% ad valorem.
Flaxseed 63c per bushel. (Increased from 56c.)

A Record Crowd for Ohio Meeting.

The largest attendance on record is expected at the golden anniversary meeting of the Ohio Grain Dealers Ass'n to be held at Cedar Point, June 19 and 20.

Affairs at Washington will be elucidated by a speaker well posted on this absorbing topic. From Boston will come a message delivered by Alex MacDonald, pres. of the Grain Dealers National Ass'n.

It is expected that every living former pres. of the Ohio Ass'n will be present and make a short talk.

Big attractions in the way of entertainment include the free boat ride on the lake with stop over at Put-in-Bay, and the free entertainment and dance that follows in the evening. The wonderful bathing beach will be right in front of the hotel all the time.

Special rates for grain men have been made by the management of the Breakers Hotel, and reservations made to the hotel at Cedar Point or addressed to Sec'y W. W. Cummings, 308 Second National Bank Bldg., Toledo, O., will be taken care of.

Let every grain man bring his family for a good time.

Coming Conventions.

Trade conventions are always worth while as they afford live, progressive grain dealers a chance to meet other fellows from the field of daily strife and to be convinced that the much maligned horns are truly mythical. You can not afford to pass up these opportunities.

June 17-19. Montana Farmers Grain Dealers Ass'n Third Annual Convention, Havre, Mont.

June 19-20. Golden Anniversary (50th) Convention and Outing Jubilee, Ohio Grain Dealers Ass'n, Cedar Point, O.

June 20-22. Southern Seedsmen's Ass'n, Chattanooga, Tenn.

June 21. Indiana Grain Dealers Ass'n midsummer meeting, Indianapolis, Ind.

June 24-25. Farm Seed Ass'n of North America, Hotel Sherman, Chicago, Ill.

June 26-28. American Seed Trade Ass'n at Chicago, Ill.

June 27-28. Eastern Federation of Feed Merchants, Alexandria Bay, Thousand Islands

July 8-9. National Hay Ass'n, Toledo, O.

Aug. 15-16. New York State Hay & Grain Dealers Ass'n, Onondaga Hotel, Syracuse.

Oct. 14-16.—Grain Dealers National Ass'n Hotel Pere Marquette, Peoria, Ill.

Intimidating Buyers.

Somebody ought to telegraph President Hoover and call his attention to the action of the grain futures administration in calling for a report on all open trades of more than 10,000 bushels in May oats. The com'ite that urged that order might well be called the "intimidation" com'ite, as the purpose of it would seem to be to intimidate buyers.

There is nothing wrong with business or with the country, except ill-advised interference. The money situation has been subjected to artificial control. Think how absurd it is for call money to be 6 per cent, time loans on stock collateral in New York 9½ per cent and other time loans 5¾ per cent. Unfair discrimination is made between borrowing money on securities as collateral—which above all things should be kept liquid by being easy to borrow on—and borrowing money for so-called "legitimate business."—Arthur Cutten.

Pacific Northwest Dealers Program.

The Pacific Northwest Grain Dealers Ass'n will continue its policy of having the grain dealer, producer and processor "understood" by each other in the program for the convention to be held June 14-15 at Spokane. R. J. Stephens, pres. of the ass'n, declares there is no other section of the country with a more friendly feeling between those raising and handling grain.

H. E. Goldsworthy, Rosalie, leader in the Oregon house of representatives, farmer and connected with the Rosalie Supply Co., will speak on "State Legislation Affecting Grain Dealers." Dr. Coleman of the U. S. Department of Agriculture, has for his topic "The Milling and Baking Qualities of the World's Wheat." Five minute talks by members are expected to divulge many helpful suggestions and ideas.

Indiana Dealers to Meet.

In order that the convention may bring the greatest possible benefit to members, the Indiana Grain Dealers Ass'n has adopted the slogan of "work before play" for the one-day meeting to be held Friday, June 21 at Indianapolis. The midsummer convention will offer a program filled with things of vital interest to grain men and millers and a large attendance is expected.

Representative Fred S. Purnell of Indiana, house member of the conference com'ite which worked out the compromise on the present farm relief bill will be one of the speakers. His address is expected to be an important one to members of the ass'n.

A. S. MacDonald, pres. of the Grain Dealers National Ass'n will appear on the program. Other interesting arrangements have been made tentatively, every feature emphasizing some problem facing the grain dealer today. Officials have announced "valuable information" and "real help" as the purposes of the meeting.

Harold L. Gray, chairman of the transportation com'ite, will have an interesting report of the work of that body.

A. E. Reynolds, of Crawfordsville, will speak at the morning session.

"The Signs of the Times" will be the subject of C. B. Jenkins, of Noblesville.

A buffet luncheon will be served on the trading floor of the Board of Trade at noon to members and guests of the convention by the Indianapolis Grain Dealers.

Further increases in grain production in western Canada are seen in land office activities in the Peace River district, Alberta. At two government land offices in the district 5,420 land entries were made during the year ended March 31 compared to 1,860 the previous year.

Letters from the Trade

[The grain dealers' forum for the discussion of grain trade problems, practices and needed reforms. When you have anything to say of interest to members of the grain trade, send it to the Journal for publication.]

Demands Uniform Terms for Privileges.

Grain Dealers Journal: I am at a loss to understand why the option traders of the central markets do not use some single terminology for privilege trading. Uniformity in every line of business helps to simplify that business and standardize the different trade operations. Here we have privilege trading experts, some calling their transactions "ups and down," others "puts and calls," "bids and offers," "longs and shorts." To my way of thinking this multiplicity of terms used by the trade in designating the same thing adds to the confusion of many in the trade. Some market should take the lead and I believe all others would quickly fall into the use of any practical terminology which might be adopted. Yours for uniformity.—Ed Whalen.

In Agreeing to Extension Parties Agree to Contract.

Grain Dealers Journal: Very glad to have your letter of 3rd. It expresses final analysis about exactly as I see it, and also by Mr. Mason, as shown by subsequent correspondence.

You say "buyer has no extension unless seller agrees to it in writing." If that is true regarding the extension, then the same is likewise true regarding the contract, and there is no contract because seller did not agree to it in writing.

If it is held there is a contract, then the buyers confirmation is the contract, and that contract contained the expressed stipulation, "not to ship until instructions received." The buyer would not consent to a contract without this reservation which was mutually agreed to and incorporated in the written confirmation. It was also implied and provided in the confirmation that an extension would obtain, if mutually agreed to.

On July 3rd, seven days before expiration, an extension was made and mutually agreed to both by phone and by letter. Seller knew this to be the understanding and took no exception, which is further evidenced by the fact that seller did not press his claim nor pursue his right at expiration, July 10th, but he again consented to the extension previously acquiesced in, by selling or making another sale at the then market price of that date in a new contract to same buyer on same date.

One unfortunate thing for the seller was that this extension had the effect of a renewed contract that had no fixed time nor fixed date for its expiration, and was wholly subservient to and dependent on the buyer to give instructions when ready to receive the wheat; and, furthermore, it was in exact accord with buyers precise stipulation and reservation as originally made on which the contract was based. Without this proviso the contract would not have been made, and was so mutually understood and agreed to.

Therefore, it appears your last sentence, "A contract without a set time for performance is void," is the only real logical conclusion properly applicable in this case when all facts and circumstances are thoroughly considered.

In your 3rd paragraph you state "the law requires the buying in" (or selling out) of a defaulted contract within a "reasonable" time. But it is our understanding the law requires due diligence to proceed "immediately" to buy in (or sell out) for whom concerned, in order that the interests of both parties shall be properly safeguarded against possible fluctua-

tions, and that an actual transaction must be accomplished in order to establish a real loss.

It is also understood to be a basic principle of law that if either party (buyer or seller), neglects, refuses, or fails to make use of proper duties for the protection of his rights and interests as they may appear, he is said to have waived such rights, and cannot legally recall or exercise them at some subsequent time, and that ignorance of laws requirements is inexcusable.—Very truly, The Mid-State Grain Co., By E. M. Flickenger, Oklahoma City, Okla.

Nebraska Wheat Pool Will Not Improve Marketing Facilities.

Grain Dealers Journal: I am opposed to the Mid-West Grain Marketing Ass'n because it is a new experiment in a field that is already adequately supplied with marketing facilities, mills and direct grain buying concerns. It will just put another marketing concern in the field which will add to the expense of selling grain to the buying world, and if the Pool (as it is called here) should get the 50% that its promoters say they will handle in Nebraska, I am wondering if the Independents and old line elevators will lay down without a struggle on the other 50%? It will surely cause the grain companies not in the pool to take greater margins to cover their overhead and it will be done in the villages where there is no pool elevators; for instance a small community where there are already three grain elevators and one would get the 50% and the balance grain sold in the community would give each elevator 16 2/3% to buy and sell, which small volume would make very hazardous buying.

The above statement applies mostly to wheat. How about coarse grains which are fed in Nebraska, and sold from neighbor to neighbor in all feeding communities? Nebraska is a good feeding state. Why should a farmers pool his coarse grain?

As manager of two elevators I am ready to make the statement that we are selling the largest part of all our grain direct to mills and feeders and getting more for the grain in price that can be gotten in the terminal market, and the benefits are direct to farmer members of our elevator. Am wondering if this will be done when the Mid-West Grain Marketing Ass'n with large salaries, large office force with police duties, lawsuits, etc. gets into the field.—Truly yours, Chas. J. Casper, Mgr. Farmers Grain Co., Bruning, Nebr.

Death of Geo. Bryant.

George C. Bryant, 59, for 24 years a crop observer and statistician, died June 4, at a Chicago hospital. Death was unexpected, due to an attack of pneumonia, altho Mr. Bryant had been a sufferer from diabetes for many years. Burial was in Lafayette, Ind., his birthplace.

After leaving Purdue University in 1890 Mr. Bryant was engaged in the printing business and newspaper work. He then entered the employ of the bureau of census of the U. S. Department of Commerce as a statistician, making business surveys. In 1914 he became a statistician for the U. S. Department of Agriculture, being in charge of Indiana. In 1925 he became a crop observer for Jackson Bros. & Co., and while with that firm made two trips to Argentina to report crop conditions. Of late Mr. Bryant has maintained his own statistical bureau.

Progress of Price Boosting Legislation.

Senate action on the conference report on the price stabilization bill is all that is needed to send that measure to President Hoover where prompt approval is expected. The house, without a record vote accepted the compromise of the conference com'te on June 7. Advocates of the debenture export plan in the senate probably will consume a few days in debate and oratory against the report because that scheme was eliminated by the conferees. Early senate approval of the report seems certain.

President Hoover, it is predicted, will lose no time in appointing the farm board of eight members, and the sec'y of the treasury. Appropriation of upwards of 100 million dollars to be available to the board for buying wheat will be made by Congress before the recess.

Purchase by the board of 25 to 50 million bus. of wheat, some advocates claim, will bring about a sharp upturn in wheat prices because of the psychological effect of the unlimited resources of the purchaser.

Among those mentioned as possible appointees to the board are: Thomas Campbell of Montana, largest wheat grower in the United States; H. L. Hartshorn of Kansas, pioneer in the co-operative movement; Dr. John Lee Coulter, pres. North Dakota Agricultural College; W. F. Schilling of Minnesota, active in dairy co-operatives; James R. Howard of Iowa, former pres. of the American Farm Bureau Federation; Ralph D. Merritt who has managed fruit co-operatives and James C. Stone of Kentucky, who has managed tobacco co-ops. Too many dreamers will surely thwart the purpose of the Board.

Financial difficulties of Wendemuth & Co., Hamburg, Germany, grain firm have entered the courts there. Liabilities are placed at \$194,000 and assets \$23,000.

Uruguay has entered the world wheat situation with a plan to purchase from its farmers up to 3,674,000 bushels of this year's crop. The price is to be \$4.35 per 220 lbs. put up in regulation sacks for export or for sale to native mills; or, \$1.18 plus a bushel. The scheme, its backers hope will aid the export of flour as well as wheat.



Geo. C. Bryant, Chicago, Ill., Deceased.

Denver Entertains State Convention.

Nestling in the foot of the picturesque range of snow-capped mountains that have made Colorado the goal of nature lovers, the fourth annual convention of the Colorado Grain Dealers Ass'n at Denver Saturday, June 8th had an enviable setting. The weather favored the large turnout which complimented the sessions, held in the halls of the Denver Chamber of Commerce. Dealers literally poured in from all directions.

PRES. GEO. MAAG, Wray, Colo., called the meeting to order at 10:30, with approximately 100 of the 200 present in attendance. The balance of the attendance was scattered around different grain offices, golf courses and hotel rooms, where visiting was the order of the day.

REV. W. P. ARD, Denver, delivered an exceptionally warm address of welcome. Brotherhood, mutual trust, and co-operation were the keynotes of his humorously illustrated remarks.

HENRY G. MUNDHENK, Sec'y Denver Grain Exchange, responded, and further welcomed the convention on behalf of the Exchange, illustrating his remarks on "Organization" with colored stories.

JOE HALL, Akron, Sec'y of the Colorado Grain Dealers Ass'n, announced the elaborate entertainment features of the afternoon and evening.

H. E. JOHNSON, Denver, Chairman of the Executive Com'te Colorado Milling & Elevator Co., humorously recited the details of the first corner ever run on the wheat market, back in biblical days, and directed the trend of his remarks to the early development of the grain business in Colorado, concluding with some complimentary comments on the Hoover administration and a forecast on sane farm relief legislation in the offing. He closed with a further welcome to the dealers.

SEC'Y HALL read the minutes of the previous meeting, which were approved. His Sec'y's report showed a doubling in membership, for a present total of 75. His treasurer's report showed a balance of \$896.80.

LEO CONNELL, Houlton-Connell Grain Co., Denver, reported on last year's social outing, held at Sidney, Nebr., which report was excitedly brief, due to his just having become the proud father of an eight-and-a-half-pound baby boy.

H. G. MUNDHENK, Denver, read the following crop survey:

I direct the attention of the gentlemen present to the Denver Market and appeal to your sense of loyalty to our state in the direction of your shipments. As you build up this market, so shall you also build up the grain growing, buying and merchandising contingent of Colorado and help yourselves in a general way as well as those with whom you deal.

During the year 1928 the movement of grain, beans and hay from Colorado aggregated 34,734 car loads, while the books of The Denver Grain Exchange record inspections during the same period and of the same commodities of 16,384 shipments—less than half of the aggregate movement. Let us endeavor to increase this percentage to a more nearly perfect figure and thus augment the enterprise of Colorado by keeping as much business as possible within our own boundaries. The facilities and service of The Denver Grain Exchange are always at your beck and call and the grades rendered here are as nearly absolute and correct as those of any market in the country.

Mr. Mundhenk's report on the crop outlook will be found on our Crop Report page.

A NOMINATING COM'ITE was next selected by Pres. Maag, composed of O. H. Loomis, Burlington; J. A. Miles, Paoli; and Herbert M. Welsh, Sterling.

NEW OFFICERS chosen were: Paul Reimer, Holyoke, president; Charles A. Kreitman, Kit Carson, vice-president; and

Floyd Jacobson, Venango, Nebr., sec'y-treasurer. Directors: J. W. Borders, Stratton; B. S. Ketchum, Cheyenne Wells; Geo. Bloch, Yuma; and Harry Johnson, Big Springs, Neb.

With further announcements regarding the lavish entertainment generously tendered by the Denver Grain Exchange, the morning session adjourned.

SATURDAY AFTERNOON'S ENTERTAINMENT

Elitch's Gardens, an internationally famous resort, was the ideal surroundings so well chosen by the Grain Exchange as the playground for the afternoon and evening frolic.

Nothing was spared for the unrestrained pleasure of the delegates to the convention. At the gate of the Gardens, visitors were given passes to all the concessions, with the compliments of the Denver Grain Exchange.

From one until five, visitors thoroughly enjoyed every moment on the various amusements. At five, a sumptuous meal was served out under the trees, a most unusual treat considering the company and the surroundings, again as guests of the Denver Exchange.

Dancing completed the program, which form of entertainment, all depending on one's horse power, delightfully concluded the most perfect gathering of the state ass'n.

THE DENVER GRAIN EXCHANGE was subconsciously voted a hearty "thank-you" on everyone's behalf. The membership of the Exchange are to be praised for the smoothness and completeness of the entertainment features, which have never been outdone. Cigars, cigarettes, everything to make the gathering complete, were distributed with the compliments of the Denver Grain Exchange.

GOLF, baseball, and whatnot, were happily indulged in by those who claimed to have outgrown the merry-go-rounds, etc., at the afternoon affair. Rex Houlton and Leo Connell of Houlton-Connell Grain Co., of Denver, were matched against J. S. Thomas, of Fleming and Joe Hall of Akron, the former beating the visitors one up.

IN ATTENDANCE.

REGISTRATION: Among those who registered, which was in charge of John Eskildsen, of Sterling, for the Grain Dealers National Fire Insurance Co., were the following:

WYOMING sent Andy Persson of Cheyenne.

WICHITA sent W. P. Little of the Wichita Terminal Elevator Co.

KANSAS SHIPPERS who registered included, Homer Crosby of St. Francis.

ST. JOSEPH, MO., was ably represented by F. J. Watts of Gordon Grain Co.

SALINA, KAN. was represented by Jimmy Quinn, the convention hound, member of the four broncho-men. Jimmy represented the Ted Branson Co.

OMAHA: J. F. Mead; Jim Trimble; H. M. Borghoff; J. C. Edwards of Updike Grain Corp.; O. E. Harris; F. P. Manchester, sec'y of the Omaha Grain Exchange; Warren Powell; and J. L. Welsh.

KANSAS CITY: R. J. Thresher; Ed. Meserve; C. C. Randall; C. Fred Aylesworth; N. G. Ensey; R. A. Kelly, Norris Grain Co.; Stanley Stahoski, B. C. Christopher & Co.; R. H. Wilson and C. A. Rogers.

NEBRASKA delegates included: G. W. Myers, Frank Dorn and Harry Johnson, Big Springs; Bert Larson, Kimball; A. F. Conrad, Imperial; C. G. Scherwitz, Ogallala; C. R. Cogil, Sutherland; T. R. Anderson, Marion, and Edwin Grueder, Byron.

SOUVENIRS were varied and numerous this year. J. C. Edwards, Updike Grain Corp., distributed tape measures. Matches were liberally passed out by Jimmy Quinn of the Ted Branson Co. Automatic pencils were given away by the Summit Grain Co., and by J. F. Mead, of The Redick Co.

Considering the festive occasion enjoyed by the 250 or more present, a turnout of 400 is predicted for 1930. This year representatives from six states attended, and next year that figure will be doubled. Representatives from other terminal markets doubled this time. In recognition of the westward movement of the wheat frontier. Denver hopes someday to be the cash wheat capital of America.

COLORADO SHIPPERS were: Joe Hall, Akron; J. W. Borders and W. T. Thyne, Stratton; J. S. Thomas, Fleming; H. M. Welsh and Fred M. Smith, Sterling; Desco Blunt and L. L. Yowell, Amherst; Geo. Maag, Wray; R. V. Tooker and O. H. Loomis, Burlington; H. E. Vallin, Peconic; J. A. Miles, Paoli; W. H. Gray, Deertrail; Geo. G. Black, Yuma; E. D. Spiller, Fort Morgan; G. H. and P. E. Burnett, Laird; L. Fulkerson, Holyoke; Everett Davis and Rhue Cole, Dailey; H. S. Ketchum, Cheyenne Wells; W. B. Coon, Colorado Springs, and Charles A. Kreitman, Kit Carson.

Test of Futures Law Making Progress.

Now that Judge Wilkerson in the federal court at Chicago has given his expected adverse decision on the application of the Bartlett-Frazier Co. for an injunction restraining the Grain Futures Administration from requiring reports of trades made by patrons of the brokerage firm the attorneys for plaintiff will push their appeal to the U. S. Circuit Court of Appeals and eventually to the Supreme Court of the United States.

A number of other brokers joined as plaintiffs in a desire to protect their customers from disclosure of their private business. They were ably represented by Attorneys E. R. Morrison of Kansas City and Frederick Ullman of Chicago.

Publication of the amount of wheat a firm has bought and is holding for future delivery on the Board of Trade has an even more harmful effect on its business than publication of the amount of the firm's cash balance at the bank.

Crop Reports

[Continued from page 724]

this crop last year was 1,390,000 bus., which figure should be greatly increased when the pulling season reaches us next September.

HAY: The carry-over of this crop from the 1928 season is the smallest since 1919 and before new stocks come to market the present supply will, no doubt, be entirely exhausted. Production considerably in excess of last season, and of the ten year average, is looked for by most growers.

Wheat Promises 882,000,000 Bus.

Chicago, Ill., June 3.—Present condition of winter wheat is estimated at 81.6% of normal, which compares with a ten-year average of 77.2. The yield per acre indicated is 15.6 bus., which on the 40,467,000 acres forecasts 631,000,000 bus.; this compares with 579,000,000 produced last year. A month ago our forecast was 617,000,000 and the government 595,000,000. It may be remarked that all pre-harvest crop forecasts make allowance for some deterioration from the time of the forecast to the time of harvest. The government last month made greater allowance for subsequent deterioration than did private estimates. The ten-year (1919-28) average condition of winter wheat on May 1 is 85% of normal; and the ten-year average condition on June 1 is 77.2% of normal. That is, in the past ten years there has been an average decline of condition from May 1 to June 1, in the same proportion as 77.2 is to 85; and in making the forecast from condition estimates, a condition of 77.2 on June 1 would indicate just as much as 85 on May 1; that is, in making the forecast there is an allowance for the average decline. This year, also there has been some decline in condition from May 1 to June 1, it was less than the average decline allowed for in making the May 1 forecast; therefore the June 1 forecast is somewhat higher than the May 1 forecast.

Spring wheat acreage, estimated to be 20,408,000 acres, is 5.3%, or 1,137,000 acres, less than harvested last year. The estimated condition in the last week of May, 86% of normal, compared with a ten-year average of 86.8, and suggests a yield per acre of 12.3 bus., and a total crop of 251,000,000 bus., which compares with the big crop of 324,000,000 produced last year, and 260,000,000 the average for the preceding five years.—Nat C. Murray, statistician, Clement, Curtis & Co.

Crop Reports

Reports on the acreage, condition and yield of grain and field seeds, as well as on the movement to country markets, are always welcome.

Rankin, Ill., May 30.—Corn is 80% planted, some coming up; oats 80% of 10-year average acreage—looking fine.—Rankin Grain Co., C. A. Burks, mgr.

Lovell, Okla., June 1.—Wheat is looking fine. Prospects are for as good a crop as we have ever had.—H. M. Vandergraff, agt., Oklahoma Wheat Pool Corp.

Selman, Okla., June 8.—We expect a fair wheat crop yielding about 12 bus. per acre. Our fields have suffered some damage from Hessian fly.—Harby Dickinson, Farmers Co-op. Grain & Supply Co.

Hobart, Okla., June 4.—The last two days have been splendid wheat weather, cloudy and fairly cool. Wheat begins to look better here than around Frederick. A few fields examined along the way promise from 8 to 20 bus. Harvest should begin in about a week in this territory provided the sun comes out good and strong.—E. W. M.

Ideal Prospects in Northwest.

Minneapolis, Minn., June 5.—The weather has been predominately cool thruout the Northwest this past week, with a few reports of frosts. There have been scattered rains thruout the territory and everywhere the supply of moisture seems to be sufficient for the moment. The effect of the cool weather has been to delay the growth of the plant, but this is offset by the additional hold that the root is getting, and when the days are warm the plant makes rapid strides. The season, however, is a little backward.

Seeding of all grains has been completed, with the exception of small percentages of corn and flax, which will be put in in scattered localities. All the grain is up, shows excellent color and seems to be unusually robust.

While winter rye is generally reported as fair to very good, there are fewer reports of very good this last week. The grain is generally headed out thruout southern Minnesota and South Dakota, but as much of it is heading short it is not fulfilling its early promise. The continued frosts during the early spring months are undoubtedly responsible for this deterioration in the rye prospect.

The crop prospects for this season of the year continue to be almost ideal, with warm and sunny weather needed at the moment to perfect the outlook.—The Van Dusen Harrington Co.

Winter Wheat Doing Well.

Chicago, Ill., June 3.—The condition of winter wheat is reported at 79.7% of normal, compared with a ten-year average of 78.2. Indicated production on this basis is 614,843,000 bus., compared with last year's final of 579,000,000 and a June 1, 1928, estimate of 512,000,000. By leading states the figures in million bushels are as follows: Ohio, 35; Indiana, 27; Illinois, 41; Missouri, 24; Nebraska, 58; Kansas, 158; Oklahoma, 55; Texas, 32; Colorado, 19; three Pacific Northwest states, 52.

The U. S. spring wheat acreage (including durum) is estimated at 20,898,000, or 97% of last year's 21,545,000 acres. Present conditions are reported at 87% of normal, compared with a ten-year average of 88.4. Based upon average conditions from now until harvest, a crop of about 256,298,000 bus. would be produced.

The U. S. oats acreage is reported at 40,439,000, or 96.9% of the 1928 acreage. The condition is thought to be 86% of normal, compared with 78.3 last year and a ten-year average of 85.2. The above condition suggests a production of 1,286,000,000 bus., compared with last year's final production of 1,450,000,000.

The barley acreage is reported at 12,790,000, or 102% of last year's 12,539,000. Indicated condition is 83.3%, compared to a 10-year average of 86.1, and forecasts a production of 308,000,000 bushels. Last year 357,000,000 bushels were produced and the year before 266,000,000.

Indicated rye production is 44,000,000 bus.

Corn acreage promises the same as last year. Conditions are not satisfactory. The hurried seed bed preparation and delayed germination is cause for concern, especially in the West.—R. O. Cromwell, statistician, Lamson Bros. & Co.

Government Crop Report.

Washington, D. C., June 8.—The crop reporting board of the U. S. Dept. of Agriculture makes the following estimates:

WINTER WHEAT.

	Cond. June 1.		Production		1929 forecast from condition June 1, 1,000 bus.
	10 yr. av.	1918-'27	1928	1929	
	%	%	%	%	
N. Y.	84	68	83	4,529	5,422
N. J.	87	84	92	1,200	1,150
Pa.	87	71	91	17,066	20,493
Ohio	80	46	90	9,331	36,689
Ind.	81	46	84	9,450	27,334
Ill.	79	48	74	18,915	38,763
Mich.	80	63	79	14,112	14,896
Wis.	83	59	93	777	957
Minn.	82	50	89	2,640	3,765
Iowa	86	68	87	7,664	7,912
Mo.	80	60	76	18,999	23,639
S. D.	77	60	83	1,260	2,042
Neb.	77	76	86	66,697	63,384
Kan.	71	81	78	177,361	160,660
Del.	87	87	87	1,836	1,696
Md.	86	80	90	8,745	8,813
Va.	86	70	86	9,758	9,236
W. Va.	84	66	91	1,586	1,979
N. Car.	84	76	86	5,150	5,255
S. Car.	78	73	74	800	821
Ga.	78	69	71	1,034	1,113
Ky.	83	48	87	920	3,524
Tenn.	81	61	78	3,714	4,543
Ala.	80	77	82	44	56
Miss.	78	85	90	60	72
Ark.	82	65	82	253	309
Okl.	73	78	76	59,576	55,336
Texas	70	56	72	22,176	31,013
Mont.	77	74	81	12,150	7,922
Idaho	90	85	84	10,488	10,542
Wyo.	86	80	75	930	900
Colo.	78	75	80	11,076	15,463
N. M.	62	65	84	1,500	3,612
Ariz.	90	90	85	1,269	986
Utah	90	93	87	3,726	2,740
Nev.	95	98	89	104	88
Wash.	84	84	71	35,600	22,663
Ore.	90	89	79	20,088	16,173
Calif.	80	84	66	16,380	10,187
U. S.	78.2	73.6	79.6	578,964	622,148

SPRING WHEAT, OATS AND BARLEY.

	Sp. wht., all.		Oats.		Barley.	
	Condition June 1.	10 yr. av.	Condition June 1.	10 yr. av.	Condition June 1.	10 yr. av.
	%	1929	%	1929	%	1929
N. Eng.	93	80	92	89	91	82
N. Y.	85	76	86	70	86	71
N. J. ....	..	..	90	80	..	90
Pa.	90	86	88	80	88	82
Ohio	82	83	83	71	85	76
Ind.	82	79	83	76	82	75
Ill.	84	83	84	79	90	81
Mich.	86	83	84	70	85	72
Wis.	89	89	91	88	90	88
Minn.	90	85	90	87	90	86
Iowa	89	88	89	87	90	87
Mo.	83	78	77	77	86	79
N. Dak.	88	84	87	85	87	85
S. Dak.	88	87	88	88	88	87
Neb.	88	90	86	93	86	90
Kan.	73	80	76	77	75	84
Ky. ....	..	..	86	85	88	88
Tenn. ....	..	..	83	80	86	83
Ala. ....	..	..	78	78	..	..
Miss. ....	..	..	80	76	..	..
Ark. ....	..	..	79	79	..	..
La. ....	..	..	79	76	..	..
Okl. ....	..	..	74	73	..	79
Texas ....	..	..	73	70	73	72
Mont.	87	86	87	86	89	87
Idaho	92	88	92	88	94	89
Wyo.	94	84	94	89	94	90
Colo.	88	89	89	91	88	90
N. M.	82	89	84	89	84	88
Ariz. ....	..	..	90	82	90	90
Utah	93	88	94	90	94	92
Nev.	94	90	95	87	94	91
Wash.	85	77	92	84	88	82
Ore.	89	84	93	88	90	88
Calif. ....	..	..	83	70	81	69
U. S.	88.4	84.8	85.2	82.0	86.1	83.7

Rye—The indicated production of rye of 43,634,000 bus. is 732,000 bus. less than the May 1 forecast, but is nearly 2,000,000 bus. greater than the 1928 crop of 41,766,000 bus. The average production during the five years (1923-27) was 54,793,000 bus. The condition on June 1 was 83.6% of normal, compared with 67.9% on June 1 last year, and 85.2%, the ten-year average.

Hay—May weather was favorable for grasses in practically all states except those of the Upper Missouri Valley. The condition of tame hay meadows at 86.6% is very much better than the low condition of 76.6% on June 1 last year. Hay prospects are rather better than usual in most states east of the Mississippi River and in the western corn belt. They are about average in the southwest. In other states prospects are poorer than usual and in the western states very much poorer. The western states as a

group seem likely to have the smallest hay crop since 1924, but for the country as a whole slightly more than the usual production seems probable.

Wild hay conditions are 83% of normal, being about 3% lower than average, but 8% higher than on June 1 last year. Clover and timothy meadows are 88% of normal compared with 73.1% on June 1 last year. The condition of alfalfa hay is 86.9%, or about 2% below the ten-year average, being average or better in the tier of plains states from South Dakota to Texas, but much below average in most western states except New Mexico.

"Take-all" Near Hutchinson.

"Take-all," soil-born wheat disease, exists near Hutchinson. Reno County, Kan., to the extent of a serious menace to crop conditions there. The diseased condition, discovered by Dr. Hurley Fellows of the Department of Agriculture, is extreme in some sections of the county.

Lack of moisture, the Hessian fly, volunteer growth and the "take-all" make it impossible for Reno County to expect more than an average crop even if weather conditions preceding and at harvest time are ideal.

Spread of "take-all" in that portion of the state came as a surprise. The disease, which attacks the roots of grain, can be combatted only by replanting, manure or sweet clover.

173,500,000 Bus. Wheat for Kansas.

Eight representative grain dealers, mill men, statisticians and exporters composed of Mr. Rupert of Case-Pomery Co., New York City; John Parker, of the Kansas Agricultural College, Manhattan; G. A. Aylsworth, of Great Western Elevator Co., Kansas City; E. C. Broenniman, Standard Milling Co., New York City; Ralph Hoffman, Hoffman Mills, Enterprise, Kan.; C. N. Hardenburgh, South Western Milling Co., Kansas City; Fred Winter, Quaker Oats Co., Chicago, and J. R. Harold, Wichita, made their annual crop inspection tour thru Kansas, June 3-7, inclusive.

The trip made was from Manhattan to Liberal, to Garden City, to Hayes, to Oakley, to Colby, to Phillipsburg. The trip covered 1,300 miles, 1,340 fields were clocked, 300 fields were carefully inspected. The average predicted yield was 13.94 bus. per acre, which would give Kansas a crop of 173,500,000 bus. of wheat.

Comparative Statement of Colorado's Agricultural Situation 1928 and 1929.

BY H. G. MUNDHENK,
Secretary, Denver Grain Exchange.

With an abundance of moisture precipitated during the winter just past and carrying far into the spring months the prospective crop growth from 1929 plantings, which have been almost unanimously increased, presents an unusually bright and encouraging outlook for the coming harvest, which should distribute prosperity in goodly share among both growers and dealers of the commodities produced.

WINTER WHEAT: In Colorado, the statistics on winter wheat—one of our major crops—present the most encouraging forecast in four years, registering the lowest abandonment since 1925 and a condition of 83 per cent as against 70 per cent on even date of last year. The acreage remaining for harvest on this crop is 1,137,000 and present indications promise a yield of about 15.77 bus. per acre, or a potential crop of 17,930,000 bus., as against 11,076,000 bus. in 1928.

SPRING WHEAT: While the full anticipated plantings of this crop were not realized because of the lateness of the season which delayed seeding in some sections until too late to plant, practically an equal yield to that of the 1928 harvest is expected, or approximately 7,000,000 bus.

CORN: Early anticipations of corn plantings indicated a less acreage than last year but later developments showed the area set aside for this crop as fully equal, if not greater, than that of 1928, in which year 18,694,000 bus. were harvested.

OATS: Oats produced in 1928 aggregated 5,983,000 bus., and it is anticipated at this time that these figures will be substantially exceeded by the 1929 crop.

BARLEY: Barley production last year supplied to the different markets 13,128,000 bus., and this crop is expected to show even better results from the 1929 plantings.

RYE: The production of rye in 1928 was 814,000 bus. on an acreage of 74,000, the latter figure having been somewhat increased, especially on fall plantings and prospects of production at this time indicating a substantial increase in both bushels and valuation.

BEANS: With the 1928 production practically moved to market and a greatly increased acreage now in the course of planting, the growers and dealers of beans are hopeful of an unusually prosperous season. The production of

[Concluded on page 723]

Grain Movement

Reports on the movement of grain from farm to country elevator and movement from interior points are always welcome.

Barley Movement in May.

Receipts and shipments of barley at the various markets during May, as compared with May, 1928, in bushels, were:

	Receipts		Shipments	
	1929	1928	1929	1928
Baltimore	1,157,925	748,280	792,050	662,718
Chicago	549,000	543,000	226,000	106,000
Cincinnati	1,000	*	9,600	*
Duluth	966,391	462,927	682,800	1,016,135
Ft. Wm.-Pt.	3,410,533	2,421,044	3,568,266	4,199,917
Arthur	13,750	5,000	*	6,250
Fort Worth	12,500	2,500	*	*
Hutchinson	78,400	35,200	36,800	120,000
Kansas City	495,390	685,440	174,040	139,440
Milwaukee	778,650	1,086,640	1,122,640	1,388,920
Minneapolis	1,445,965	104,627	560,790	545,892
Montreal	230,826	*	29,648	*
New Orleans	1,251,700	*	1,457,000	*
New York	35,200	22,400	11,200	25,600
Omaha	101,053	65,000	101,053	*
Philadelphia	43,200	14,400	*	*
Portland	17,600	33,600	14,400	36,800
San Francisco	567,823	*	*	*
Seattle	21,250	*	*	*
Sioux City	3,000	12,000	4,000	2,000
Superior	949,649	585,212	682,800	700,579
Toledo	3,600	2,400	*	*
Wichita	19,500	*	3,900	*

* None.

Corn Movement in May.

Receipts and shipments of corn at the various markets during May, as compared with May, 1928, in bushels, were:

	Receipts		Shipments	
	1929	1928	1929	1928
Baltimore	52,067	33,396	11,642	*
Chicago	2,282,000	8,695,000	4,743,000	6,458,000
Cincinnati	249,200	387,800	589,400	385,000
Duluth	5,459	182,252	322,465	196,646
Ft. Wm.-Pt.	4,855	4,855	5,871	*
Arthur	248,400	306,000	82,800	52,400
Fort Worth	25,714	*	*	*
Galveston	204,000	86,400	*	*
Hutchinson	748,500	2,225,000	1,290,000	1,810,000
Indianapolis	2,004,000	1,885,500	2,908,500	5,094,000
Kansas City	446,900	1,164,780	845,825	2,264,433
Milwaukee	549,590	559,550	947,340	612,620
Minneapolis	121,210	32,115	5,260	59,002
Montreal	227,858	76,500	240,988	150,555
New Orleans	97,000	*	*	*
New York	792,400	1,922,200	1,603,000	2,685,200
Omaha	1,569,150	2,158,300	534,750	1,120,700
Peoria	22,672	15,582	*	*
Philadelphia	145,750	174,625	375	*
Portland	2,055,200	2,647,400	1,785,138	2,100,200
San Francisco	1,631,241	*	*	*
Seattle	114,000	*	*	*
Sioux City	334,000	465,000	518,000	303,000
Superior	3,397	171,629	120,000	120,000
Toledo	61,250	126,250	10,850	3,540
Wichita	210,600	138,600	122,200	84,000

Oats Movement in May.

Receipts and shipments of oats at the various markets during May, as compared with May, 1928, in bushels, were:

	Receipts		Shipments	
	1929	1928	1929	1928
Baltimore	132,161	73,434	19,963	*
Chicago	3,942,000	7,132,000	2,462,000	4,737,000
Cincinnati	238,000	168,000	198,000	128,000
Duluth	10,365	129,979	507,714	505,948
Ft. Wm.-Pt.	4,965,824	6,059,536	4,704,079	4,838,224
Arthur	55,800	111,600	55,800	5,400
Fort Worth	5,400	18,000	*	*
Hutchinson	708,000	404,000	1,028,000	446,000
Indianapolis	320,000	314,000	220,000	130,000
Kansas City	390,250	699,300	495,700	1,510,584
Milwaukee	1,010,720	1,594,430	1,079,780	3,972,620
Minneapolis	3,308,429	1,528,452	1,457,320	775,997
Montreal	58,570	61,200	75,603	67,978
New Orleans	322,000	*	339,000	*
New York	414,000	740,000	704,000	1,424,000
Omaha	558,000	856,800	522,800	784,800
Peoria	124,798	93,057	39,948	*
Philadelphia	55,100	98,900	1,181	*
Portland	2,038,600	1,410,000	1,453,081	1,434,000
San Francisco	14,312	*	*	*
Seattle	21,600	*	*	*
Sioux City	278,000	395,000	270,000	523,000
Superior	23,959	148,959	12,687	374,331
Toledo	779,855	395,780	570,295	249,935
Wichita	12,000	9,000	3,000	3,000

Wheat Movement in May.

Receipts and shipments of wheat at the various markets during May, as compared with May, 1928, in bushels, were:

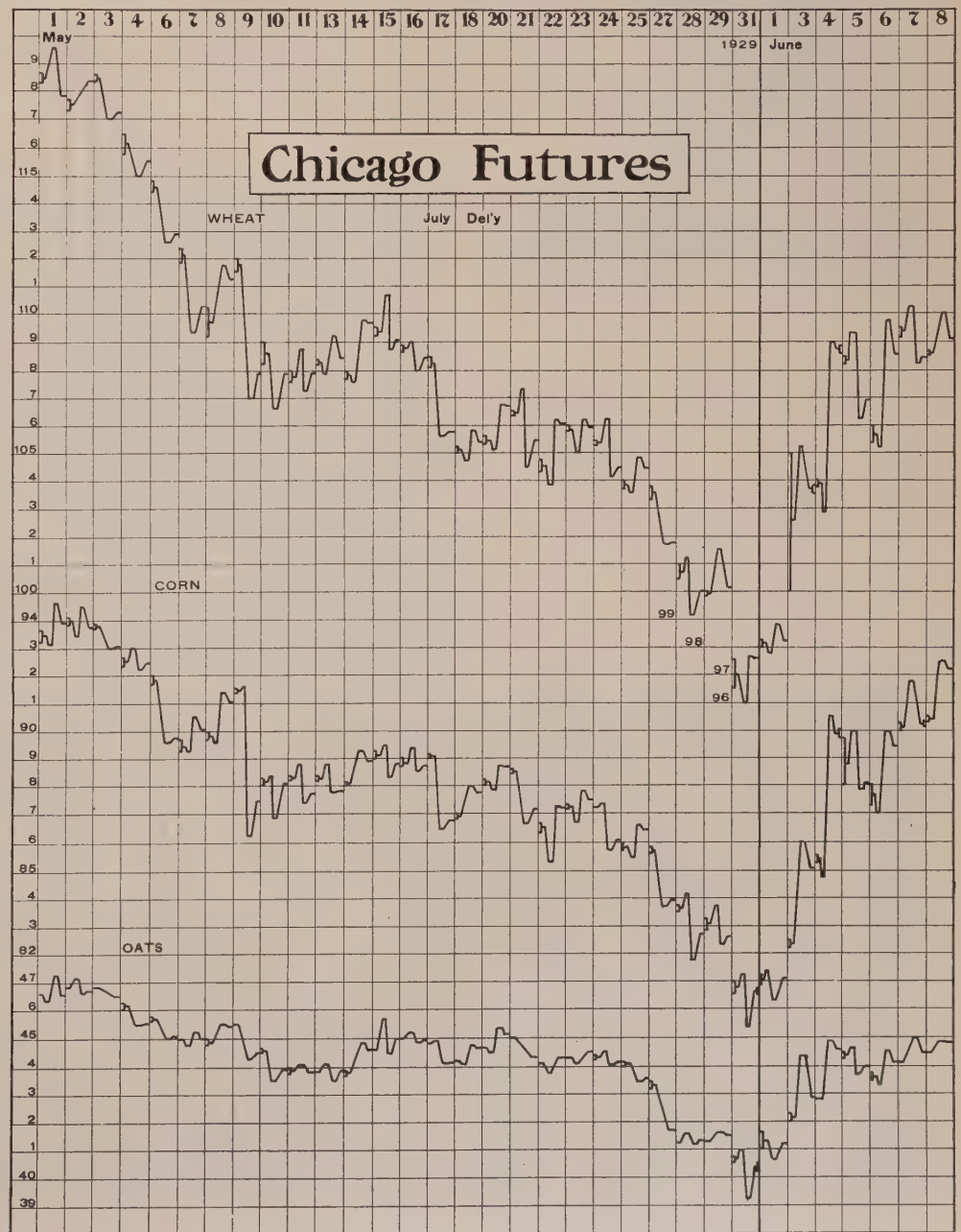
	Receipts		Shipments	
	1929	1928	1929	1928
Baltimore	1,165,803	529,408	899,143	607,924
Chicago	378,000	5,300,000	968,000	1,367,000
Cincinnati	60,200	71,400	134,400	121,800
Duluth	5,681,932	6,148,687	10,599,464	14,896,314
Ft. Wm.-Pt.	13,839,278	17,618,391	24,633,839	24,876,125
Arthur	385,000	194,700	724,800	354,200
Fort Worth	*	*	919,003	30,800
Galveston	*	*	57,502	*
Houston	821,700	347,600	*	*
Hutchinson	213,000	226,500	77,000	91,500
Indianapolis	2,543,970	2,133,560	2,874,300	2,379,520
Kansas City	155,400	108,490	319,200	62,625
Milwaukee	5,263,020	5,772,470	3,191,000	5,178,420
Minneapolis	15,621,608	11,965,465	12,146,522	6,140,322
Montreal	166,404	7,700	234,315	52,430
New Orleans	7,011,000	*	6,094,000	*
New York	820,800	877,600	1,674,400	900,200
Omaha	202,000	88,800	184,800	55,200
Peoria	497,005	805,954	615,545	959,103
Philadelphia	1,081,700	935,250	977,132	1,141,480
Portland	126,733	*	*	*
San Francisco	1,839,000	2,130,800	1,819,800	1,982,400
Seattle	317,900	103,111	*	*
Sioux City	178,500	30,000	*	*
Superior	4,530,008	3,763,011	7,452,651	8,069,944
Toledo	630,145	1,224,780	638,135	738,075
Wichita	663,600	885,600	809,200	1,046,250

Rye Movement in May.

Receipts and shipments of rye at the various markets during May, as compared with May, 1928, in bushels, were:

	Receipts		Shipments	
	1929	1928	1929	1928
Baltimore	1,200	129,362	.....	102,241
Chicago	539,000	302,000	353,000	376,000
Cincinnati	*	2,800	*	1,400
Duluth	361,371	873,952	437,693	3,952,562
Ft. Wm.-Pt.	644,727	1,928,270	920,655	2,639,111
Arthur	*	1,200	*	*
Fort Worth	*	*	30,393	.....
Galveston	*	*	*	*
Hutchinson	1,500	22,500	1,500	19,500
Indianapolis	32,315	53,750	35,040	56,940
Kansas City	478,640	284,230	566,770	410,600
Milwaukee	69,964	2,036,714	64,285	1,393,716
Minneapolis	33,794	*	42,039	96,428
Montreal	102,500	.....	121,000	.....
New Orleans	21,000	47,600	12,600	50,400
New York	6,000	*	*	*
Omaha	*	104,877	.....	25,715
Peoria	2,900	.....	.....	4,350
Philadelphia	6,500	6,500	1,300	.....
Portland	2,400	2,000	.....	.....
Seattle	221,644	541,133	238,570	1,984,376
Sioux City	1,200	1,200	7,075	2,790
Superior .....	.....	.....	.....	.....
Toledo .....	.....	.....	.....	.....
Wichita .....	.....	.....	.....	.....

* None.



New Wheat Territory Opening in the Panhandle.

New wheat territory is being opened in the Texas-Oklahoma Panhandle by a branch line of the C. R. I. & G. railroad between Amarillo, Tex., and Liberal, Kans., rapidly progressing and expected to be completed in July or August of this year. More than 1,000,000 acres of new wheat land will find its outlet over this branch.

The right-of-way extends a distance of 152 miles, and will serve 22 stations, including Amarillo and Liberal. Texas stations in order north from Amarillo, are Maier, Masterson,

Elevator in Panhandle Wheat Territory.



Laird Grain Co.'s 34,000-bu. Elevator at Gruver, Tex.

Wilton, Greenough, Wilhelm, Deal, Fritch, Sanford, Oil City, Stinnett, Pringle, Morse, Cator, Gruver, Bernstein and Hitchland. Oklahoma stations are Adams, Jowilliams, Baker and Hood.

Construction of the line is completed as far north as Gruver, a distance of 90 miles, and it has been put in service as far north as Stinnett. The line is open from Stinnett to Gruver but has not been formally put into service. Work is being pushed northward from Gruver and southward from Liberal so the entire line can be placed in operation before fall.

Grain companies proposing to build elevators

Daily Closing Prices.

The daily closing prices for wheat, corn, oats, rye and barley for July delivery at the following markets for the past two weeks have been as follows:

WHEAT.													
	May 25.	May 27.	May 28.	May 29.	May 31.	June 1.	June 3.	June 4.	June 5.	June 6.	June 7.	June 8.	
Chicago	104½	101½	99½	100½	97½	98½	103½	108½	106½	108½	108½	109	
Kansas City	97½	95	92¾	93	91½	94¼	96¼	102½	100½	101½	101½	102½	
St. Louis	103¼	100¾	98½	98¾	96¼	96¾	102	107	105¼	107¼	107½	107½	
Minneapolis	103½	101	98½	98½	94¾	96	101½	106½	105½	106¾	106¾	107½	
Duluth (durum)	95	92½	90¼	90¾	87½	88½	93¼	98½	96¾	98	98½	99	
Winnipeg	113½	111½	109¾	110	107½	109	....	115½	115	116¾	117¼	118	
Milwaukee	104½	101¼	100	100	97½	98¼	103½	108½	106½	108½	108½	109	
CORN.													
Chicago	86½	83½	82½	82½	80½	81	85	89¾	88	89½	90½	92½	
Kansas City	82¼	79¾	78½	78½	77	77½	81½	86½	84½	86¼	86½	88½	
St. Louis	88	85¾	84½	84¼	82½	83	86¾	91½	89¾	91¼	92½	94	
Milwaukee	86½	83½	82½	82½	80½	81½	85	90	88½	89½	90¼	92½	
OATS.													
Chicago	43½	41¾	41¼	41½	40¼	41½	42¾	44½	43½	44½	44½	44¾	
Minneapolis	42	40¼	39¼	39½	38¾	39¼	40¾	42¾	41½	42½	42½	42¾	
Winnipeg	48½	47½	46½	47	46¾	46¾	....	49¾	48½	49½	49	49½	
Milwaukee	43½	41¾	41¾	41¾	40¼	41½	42¾	44½	44	44½	44½	44¾	
RYE.													
Chicago	84½	80½	78	78½	75½	76¼	80	83¾	82¾	84¾	86¼	87	
Minneapolis	80½	78	75¼	74¾	72¼	72¾	76	80	79½	81¾	82	82½	
Duluth	82½	79½	77	77¼	74¼	74¾	78	82¾	82	84	85¾	85½	
Winnipeg	87	82¾	79½	79¾	77½	79½	....	85½	85¾	88	89½	89½	
BARLEY.													
Minneapolis	58½	56	55¾	55	54½	54½	56¾	57¼	58½	58¾	59½	60	
Winnipeg	68½	67¾	65¾	67	65½	66½	....	69¼	69½	70	70¾	70	

have been seeking leases or building on private ground thru the big wheat territory extending from Stinnett, Tex., to Jowilliams, Okla., inclusive. Stations between Amarillo and Stinnett are in territory unsuited to raising wheat and will have no elevators except for Master-son, the second station north from Amarillo, where a lease will be granted for construction of a 15,000 bu. elevator.

Stinnett is north of the Canadian River and in the south edge of the wheat growing belt. The Borger-Morrow Co., which has its headquarters here, has already completed a 25,000 bu. elevator on private ground adjoining the right-of-way.

At Morse, Tex., the Roberts Grain & Seed Co. of Amarillo has completed a 15,000 bu. elevator on land adjoining the right-of-way. The McClellan Grain Co., which has headquarters at Spearman, Tex., is building a 30,000 bu. elevator on private land.

The first elevator to be built and served by the new branch of the Rock Island was built by A. Laird, operating as the Laird Grain Co., at Gruver, Tex., who put up a 34,000 bu. house illustrated herewith. The Chapman Milling Co., of Sherman, Tex., has built a 60,000 bu. elevator at this point, and the Borger-Morrow Co. has put up a 30,000 bu. elevator. McClellan Grain Co. has under construction a 30,000 bu. house. All of these are on leased land. Another site has been leased for a fifth elevator, but the lessee has not started construction.

Numerous applications have been filed for elevator locations at Pringle, Morse, Bernstein,

Hitchland, Jowilliams and Baker. One application on file for Hitchland, Tex., calls for a 110,000 bu. house. These applications have not been accepted thus far, but as soon as negotiations are completed construction on many of them will begin.

Photo reproduced herewith was taken near Gruver, Tex., and is indicative of the kind of wheat raised in what was formerly "no man's land." The dealers of Gruver expect to handle 3,000,000 bus. of wheat from the 1929 crop.

Moisture in grain harvested with a combine has caused so much grain to heat many farmers of the Panhandle are arranging grain in windrows deposited shingle fashion on top of the stubble. Air circulates through the grain from underneath and thus facilitates the curing of the grain and the drying of any green weeds present. Three or four days after being cut, it usually is in condition to be picked up by harvester-thresher or combine and threshed. Farmers who have harvested their grain in this way in the windrow state that damages from hail or rain are much less in the windrows than in the shock. When the grain is picked up, the harvester-thresher should travel in the same direction as did the windrow harvester; the grain is then picked up just as a man would raise shingles from a roof with a spade. Never should the windrow be approached with the butts toward the machine.

Raw hide futures are now being bot and sold on the recently organized New York Hide Exchange.



Wheat Left by Windrower for Combined Harvester-Thresher, near Gruver, Tex.

Illinois Central Elevator at Omaha.

The Crowell Elevator Co., established in 1869, for many years operated a terminal elevator at Omaha, Neb., besides operating a line of 13 country houses. More than a year ago the title to its wood elevator at Omaha was transferred to the Illinois Central Railroad Co., which contemplated an expansion of its grain handling facilities at the western terminus of its lines.

The plant was designed and constructed by L. A. Stinson Co. and Folwell Engineering Co., Associated Engineers and Constructors under the supervision of A. E. Blaess, Chief Engineer of the Illinois Central Railroad Company, F. R. Judd, Engineer of Buildings, P. Aagard, Engineer of Construction.

The plant consists of a reinforced concrete workhouse, one storage annex, track shed, drier building and office building. Space is provided on land owned by the railroad company for the erection of additional storage.

THE WORKHOUSE. 47x66 ft. and 218 ft. 6 ins. from basement floor to roof, is supported on concrete caissons running to rock foundation. Convenience in operation is facilitated by the full basement and first floor, all bins being elevated sufficiently above the first floor level for convenient spouting and equipped with all fixed spouts. All cleaners are located in a story half-way up in the workhouse providing a generous amount of bins above and below each cleaner. The cupola is divided into bin story, spouting story, scale story, garner

story and leg head story. Equipment in this workhouse consists of the following: Two receiving elevators of 20,000-bu. per hour capacity each and two shipping elevators of 18,000 bus. capacity each. One of these elevators is driven with Falk Reducing Gears provided with back stop. On the floors below are four 5,000-bu. garners and 32,500-bu. Fairbanks-Morse Hopper Scales. Fixed spouts are provided from scales to all conveyors and to all carloading spouts.

On the cleaner floor are one No. 12 Invincible Warehouse Separator and one No. 10 Invincible Oat Clipper; one unit Emerson Cylinder Separator; one double needle machine and 1,400 bus. per hour wheat washer. A 36 in. belt conveyor is installed in the cupola of the workhouse to feed drier and one 36 in. belt conveyor in the basement of the workhouse to reclaim grain from the drier. A system of distributor spouts and fixed spouting is installed in the cupola of workhouse. Grain from the new building can be transferred to the old house by conveyors and cross spouts and returned by the same means.

Additional equipment provided in this plant is a passenger lift, pneumatic ticket elevators, black-boards, signal system between weighmen on the scale floor and track shed and a carloading unit as well at each car loading spout.

An inter-communication telephone system extends thruout the whole plant. Three offices have been provided in workhouse for

weighmen on scale floor, spout men on bin floor and foreman on the first floor. These are steam heated.

THE STORAGE ANNEX consists of 24 tanks, 8 to a row, 100 ft. high, and 20 ft. in diameter. In the basement are two 36 in. belt conveyors for reclaiming of grain and two 42 in. belt conveyors on top of bins equipped with Stinson Trippers. A complete system of Zeleny Thermometers has been installed in all storage bins and all draw hoppers have been provided with rack and pinion gates.

The storage annex, drier building and track shed are supported on wood piles driven to rock. Adding the 800,000 bus. capacity of the new to the 200,000 bus. of the old gives the plant 1,000,000 bus. capacity.

THE DRIERS are housed in a building, also of reinforced concrete, 24x25 ft., and 122 ft. from basement to top of roof, to provide each of the two drier units with 4,000 bus. storage capacity above and below. These are two of the new direct heat Hess Driers of 500 bus. per hour capacity each, with furnaces in the basement.

THE TRACK SHED is constructed of structural steel with a concrete roof and covered on the sides with asbestos corrugated siding. Track shed ends are closed with corrugated swinging steel doors. Each door is made of four leaves.

Three tracks are available for this elevator, two of which are running thru the enclosed track shed and the third track which is the main shipping track covered with an awning. On the first track has been installed a Link Belt Car Dumper of the latest improved type. Under this dumper is installed a rubber belt conveyor which will feed either one of the two receiving elevators in workhouse. On the second track is installed two 2,000-bus. receiving sinks with one pair of Clark Shovels for each sink. On this track is also installed a bag chute from a bag conveyor running from the sacking floor in workhouse approximately 25 ft. above first floor.

The third track is used for shipping only and is provided with two carloading spouts. First and second tracks are also provided with one carloading spout each.

The office building, 20x48 ft., is constructed of brick, concrete and tile and on first floor is provided, boiler room, locker room, wash-room and toilet room with showers. On the second floor is provided superintendent's office, general office, vault and car inspector's office.

The general machinery in this plant was furnished by J. B. Ehrsam & Sons Mfg. Co. The four motors driving the elevator legs were furnished by Allis-Chalmers Co. All other motors were furnished by Fairbanks-Morse Co. All motors are ball-bearing, double wound.

The plant is operated by the Crowell Elevator Co., of which C. C. Crowell is pres., J. A. Linderholm, sec'y, and A. Anderson, superintendent of elevators.

Front view of elevator is illustrated on outside front cover.

Corn borers will be fought by thirty students of Kansas Agricultural College, approved by the entomology department of the college, who will report for duty at Toledo.

An exporters' carry-over of 304,000,000 bus. of wheat is estimated by Broomhall. After deducting an irreducible minimum trading stock, the floating supply would be additional.

New York, N. Y.—The Burlap & Jute Exchange has been organized with over 50 members and Rutger Bleeker as pres., to trade in futures of burlap, jute, hemp, sisal and sugar bags.

Sixty-six grain elevators, costing \$1,000,000 will be erected in Uruguay, by the government. The government also offers loans up to 20% of the estimated crop value as an aid to farmers during planting and harvesting.



Reinforced Concrete Storage Annex of I. C. R. R. Elevator at Omaha, Neb.
[See outside front cover.]

American Feed Manufacturers Ass'n Celebrates 21st Birthday

The Twenty-First Annual Convention of the American Feed Manufacturers Ass'n was favored with most propitious weather and delightful surroundings. In fact French Lick is really in blossom the first week in June, so it was but natural that with such an attractive program more manufacturers were lured to the annual meeting than ever before.

Special sleepers for the accommodation of those attending the Convention were run from Chicago, St. Louis, Memphis and Buffalo.

The registration was the largest of any meeting and the sessions were well attended.

The first session was called to order in the Convention Hall adjoining the hotel, Thursday, June 6th, by Pres. W. E. Suits of Chicago, who presented a most interesting and informing annual address from which we take the following:

President Suits' Address.

In opening this, the 21st convention of the American Feed Manufacturers Ass'n we do so with the feeling of satisfaction that our industry and our ass'n has passed through the adolescent stage and reached the full growth of sturdy manhood, justifiably proud of our accomplishment and confident of an even more brilliant future.

The continued expansion of the commercial mixed feed business is most pronounced. In the state of Iowa, according to official records, the receipts for tax tags more than doubled between 1921 and 1923, showing that even the state nearest of all fitted to support its live stock with home grown grain is appreciating the value of properly balancing its rations and the economy of mill mixed feeds.

In New England a large part of the feed stores are equipped with elevators for handling bulk grains which were ground for the farmers or sold to them in the natural state. These equipments have become largely obsolete and represent a heavy loss to the owners because their trade now calls for mixed and blended feed, a practice which is bound to increase.

Our industry, which can produce feeds better mixed and more uniform in quality, can also produce them most economically, serving the feed consumers with greatest economy as well as utility; therefore our business must continue and progressively increase.

An outstanding industrial feature of the last year or two has been the very considerable number of the flour milling institutions that have entered the mixed feed business.

Quite a number of these companies have been manufacturing mixed feeds for years, but there have been numerous additions of late.

These very important additions to the mixed feed industry can project an enormous impetus into the business if they will throw their great energy into additional research, aggressive promotional work and advertising. By these methods they can assist in converting the millions of feeders who still use unmixed home-grown grains and staple ingredients, into realizing the advantages of properly mixed rations as compared with those mixed at home or in the local feed store. There is an almost unlimited field for these efforts. We believe that these powerful and well organized institutions will prove a great constructive force in increasing the demand and not be satisfied simply to divide the present volume built up by the pioneers. With this thought in our minds we welcome the splendid influence which they can exert.

Incompetence and inexperience are largely due to lack of training and if these two can be eliminated in individual instances there would be very much less difficulty in securing the necessary capital to handle the retail feed business. Furthermore the capital required can be greatly reduced by the simplification of the dealer's line. This is really accomplished by making the business largely commercial mixed feeds. They can be bought in such assortments that a single carload will make a good working stock and replaced as needed at almost express delivery. This is against carrying a large and varied stock of feed ingredients, which must be bought in straight carlots to secure lowest prices. Extension of long term credits to their customers is probably the biggest drain on capital.

The Iowa State Agricultural College at Ames last month inaugurated a short course for feed dealers' education. This course lasted two days. The subjects were most interesting, each one of which was handled by experts. A con-

siderable part of the space in a program like this could well be devoted to the economics of business and outlying ways and means of making the retail feed business more interesting and more successful.

This Iowa Agricultural College experiment may well be repeated and it seems to me that some of us can use a good deal of influence toward getting other colleges to inaugurate something of the same kind. Unquestionably something must be done to get more generally efficient distribution of our products as the reason for car door selling to farmers is often inability to secure necessary service from the retail dealers.

Blackstrap Molasses Duty.—When the original suggestions were submitted to the Ways and Means Com'te, your officers appointed a com'te to look after our interests. By stressing the point that the farmers would have to pay a large part of any customs tariff imposed on blackstrap and that this Congress had been called for the relief of farmers, we made a distinct impression upon the com'te with what at the present appears to be satisfactory results. The tariff on blackstrap will probably remain about where it has been since 1922.

This tariff matter gave me a less concern than the outlook regarding future supplies of blackstrap. The old style sugarcane is subject to parasitic disease and a new variety, known as P. O. J. cane, is being generally introduced. This yields more sugar and only about one-half as much blackstrap as the type grown before. The evidence indicates the entire world supply of blackstrap is now required for feeding and for the manufacture of industrial alcohol, with the alcohol industry very much in control of the supplies. Of course the consumption of sugar will continue to grow and with it increase in cane acreage, but new uses for industrial alcohol in the industries are also being rapidly discovered. I think they number about 150 uses today. However, methods have been developed for producing synthetic alcohol from carbide and other chemicals. Evidence before the Ways and Means Com'te indicate that such alcohol can be made for around 36c per gallon. Early development of this method of making industrial alcohol will probably keep the price of molasses from reaching the point where it is prohibitive to use it in feeds.

Regarding the high protein concentrates, it is interesting to note that the exports in 1923 were about 200,000 tons below those of 1927. Last year the exports of these commodities were as follows: Cottonseed meal and cake, 290,508; linseed meal and cake, 280,803; other oil cake and meal, 22,143.

This shows that there was an opportunity for United States consumers to have purchased around 600,000 tons more of these products than we did, so that there is no prospect of our finding insufficient high protein concentrates in the immediate future, assuming normal crops are produced. It is easily possible to increase the crops of cotton and flax, also soy beans. Soy beans offers one of the big opportunities for increasing this type of necessary feed ingredients in the future.

The mixed feed industry is a true example of the union between applied science and commercial endeavor, the adoption of twentieth century mechanical means of meeting age-old needs and the elimination of back-breaking manual labor which dulls the eye and "slants the brow."

Many farmers, owing to insufficient training or lack of labor, cling to the old methods of haphazard feeding. Mixed feeds made by responsible manufacturers are a boon to these. They greatly increase the chances of profit and success in live stock and poultry feeding.

D. W. McMILLEN of Ft. Wayne, Ind., Chairman of the Executive Com'te gave an interesting address on the work of the Com'te.

L. F. BROWN, in presenting the annual report of the Sec'y said:

Secretary Brown's Report.

Metal Fasteners.—The State Board of Agriculture of North Carolina promulgated a ruling to be effective Jan. 1, 1923, forbidding the use of metal fasteners in attaching tags to bags of feedingstuffs. A delegation appeared before said board and asked that the ruling be modified so as to permit the use of such metal fasteners with other than sharp points. The board, however, refused to recede from its position.

Arkansas.—House bill No. 178 was a long bill introduced primarily to correct defects in the preceding law. It eliminates the 125-pound feed package and in addition requires the minimum percentage of nitrogen free extract to be declared on label. The revenue provision which

is in the form of a 10c tonnage tax collected by the sale of tax stamps was not changed. This bill became a law.

Colorado.—Senate bill No. 246 follows the lines of the uniform feed bill of the Association of Feed Control Officials rather closely except that it requires the minimum per centum of nitrogen free extract to be declared on label. The bill provides for a \$2 registration fee and a 10c tonnage tax collected thru the medium of the sale of tax tags or stamps. This bill became a law and is effective August 5, 1923. Colorado heretofore has not had a feed inspection law.

Iowa.—House file No. 57, introduced in the Iowa legislature, forbade the use of metal fasteners. It failed of passage.

Minnesota.—House bill No. 470, introduced in the Minnesota legislature, prevented the use of any wire, metal fastener or other metal device. This bill failed of passage.

Missouri.—House bill No. 67, introduced in the Missouri legislature, passed the house and a bill known as senate substitute for house bill No. 67 was reported from the senate com'te on agriculture. This bill does not materially change the present law except that it introduces a revenue feature in the form of an annual registration fee of \$2 for each brand and an inspection fee of 8c per ton, said fee to be paid semi-annually upon sworn statement of registrant as to tonnage. The bill also provides for a nitrogen free extract guaranty, a requirement not in the present law. Five legislative hearings were held on this proposed legislation, one by the House and four by the Senate. At this writing the bill is in the hands of the Governor and is expected to become a law.

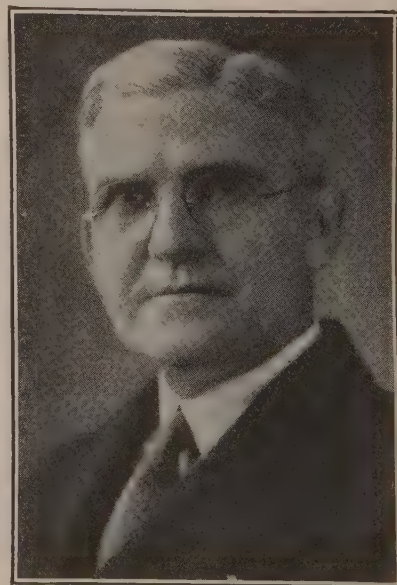
New Hampshire.—Senate bill No. 20, introduced in the New Hampshire legislature, provides that the minimum per cent only of crude protein, carbohydrates and crude fat, and the maximum per centum only of crude fiber shall be guaranteed on label. The bill further provides that the name of the manufacturer, shipper, or for whom the product is manufactured, the place of manufacture, and the place of business, shall appear on the label. This bill became a law.

New Mexico.—House bill No. 300, introduced in the legislature of New Mexico, follows very closely the provisions of the Kansas feed inspection law. Its enforcement is placed with the regents of the Agricultural College of New Mexico. It provides for an inspection tax or fee of 12c per ton, said revenue to be derived from the sale of tax tags or stamps. This bill became a law and becomes effective July 1, 1923. New Mexico heretofore has not had a feed inspection law.

Ohio.—House bill No. 192, introduced in the Ohio legislature, does not materially change present requirements relative to ordinary types of feed. It simply blends certain requirements relative to so-called mineral feed mixtures into the present law. This bill became a law.

Oklahoma.—House bill No. 81, pending, provides that the Oklahoma State Board of Agriculture is authorized to expend not in excess of 20 per cent of the amount of inspection tax and penalties on feedstuffs for the payment of salaries and the expense of equipping, maintaining and operating an agricultural laboratory.

South Dakota.—Senate bill No. 56 blends certain requirements governing the sale, branding and distribution of mineral feed mixtures into the present law, and the bill became a law.



Dale W. McMillen, Fort Wayne, Ind., pres.-elect. Feed Mfrs. Ass'n.

West Virginia—House bill No. 268 provides that the percentage of each ingredient such as salt, charcoal, carbonate and phosphate of lime, grit and such inferior or objectionable materials as the commissioner may prescribe shall be declared upon the label. This bill became a law.

Wisconsin—Senate bill No. 74, pending, provided that the percentage of each ingredient in mixed feeds shall be declared upon label. The bill was advanced to the order of final passage but was defeated on the order of final passage. Later House bill No. 636, identical in form, was introduced in the House by the House Com'te on Agriculture. A hearing has been held by the House Com'te on Agriculture.

Price Fluctuation Charts—The Ass'n continues its policy of preparing and distributing to its members price fluctuation charts showing monthly price fluctuations of a few of the principal materials used in the manufacture of mixed feeds. In addition to issuing a chart at the conclusion of each year we are now issuing such charts quarterly.

List of Brand Names—The Ass'n continues its card index list of brand names for feedstuffs and is constantly adding names thereto. The list now contains at least 7,500 names and is freely consulted by manufacturers contemplating the selection of new brand or trade names. The Sec'y's office is glad to furnish such information as the card index may contain to any interested party when request be made for such information.

Official Emblem—Electrotypes of our official emblem may be secured at the office of the Sec'y. It would be good advertising for the Ass'n if a greater number of our members used this emblem on their stationery, advertising or other printed matter.

Machinery Wanted or for Sale—For some time past the Sec'y's office has been issuing bulletins at irregular intervals descriptive of second-hand machinery for purchase or sale, but as no beneficial results seem to have been obtained by this practice, the Executive Com'te at its April meeting directed the Sec'y to discontinue this activity.

Digest of Feed Laws—One copy of our Digest of Feed Laws, containing the principal requirements of state feed inspection laws, as well as the requirements of the Federal Food and Drugs Act as applied to interstate shipments of feedstuffs, together with a sheet giving the name, title and postoffice address of feed control officials and another sheet giving the name and postoffice address of State Agricultural Experiment Stations and State Agricultural Colleges, is loaned free of charge to each active member of the Ass'n during their term of membership.

Retail Dealer Mixing—An increasing number of retail feed dealers are installing batch mixers. Some such dealers are confining the use of these machines to mixing formulas furnished by the purchaser, while others are operating on a larger scale and manufacturing different types of feed for local distribution. This activity is a real problem of the legitimate manufacturer and its ultimate effect upon the industry cannot be foretold at this time.

Conferences with Feed Control Officials—It is a matter of pride to your Sec'y that he is receiving and responding to an increasing number of requests from feed control officials to attend meetings and conferences called for the purpose of shaping policies and perfecting administrative features of feed inspection laws, a fact which is indicative of an increasing confidence on the part of feed control officials in the motives and the integrity of this Ass'n.

Dr. J. K. Haywood of the United States Department of Agriculture and known to practically every feed manufacturer thruout the United States, died quite suddenly on Nov. 30, 1928. His passing was and is sincerely mourned by an innumerable host of friends.

Membership—At our last meeting I reported a net membership of 146. For the first time in the history of this Ass'n I am able to report no withdrawals and no suspensions and that 22 new members have been added to our rolls during the year, our membership now being 168.

Mr. Brown also presented the annual report of the Treasurer.

R. M. FIELD, Traffic Mgr., of the Ass'n presented his annual report from which we make the following:

Traffic Manager Field's Report.

The traffic department of this Ass'n has been in existence now ten years. Thru the efforts of this department and the activities of the traffic com'te, the railroads and railroad organizations have come to realize that when they are giving consideration to changes in rates, rules or any matters that affect any branch of the feed industry, the American Feed Manufacturers Ass'n is the only organization thru which they can deal satisfactorily.

The attendance at traffic com'te meetings has been splendid and reflects an interest in the work that is most commendable.

I will outline to you some of the more important subjects handled by the com'te during

the last year. Many of these subjects are continuing in nature and will run, in some cases, over a period of years, requiring constant attention on the part of the traffic com'te. These are only a few of the more important subjects handled and I am touching on these briefly as each member has received a copy of the minutes thruout the year and therefore has the full record of the proceedings of the traffic com'te:

Equalization and simplification of rates on and lists of grain products and by-products.

Percentage relations between transit and non-transit ingredients in mixed feed. Our object has been to raise the percentage of non-transit articles permitted under the tariffs. There has also been involved in this a proposal for a new description of feed and consideration of the possibility of eliminating altogether any percentage relations.

Order notify shipments of feed to prepay or non-agency stations.

Proposed changes in routing by various railroads as result of authority contained in I. C. C. Tariff Circular No. 20.

Various propositions covering weights on grain products and feed in both straight and mixed carloads.

Cotton seed cake and meal. Adjustments in various territories interesting members of this Association.

Mineral feeds. Classification, descriptions and rates.

Consideration of ratings on various commodities such as oyster shells; tankage; dried buttermilk; meat scraps, etc. Applications have been made asking that these articles be considered and listed as grain products, also, for their inclusion in mixed carloads (not physical mixtures) with grain products at the grain products rate. The view of the com'te has been that these articles should be given the proper and fair rating, but rated and classified independently and not carried in the grain products list. The railroads have also uniformly adopted this position.

Rates on bags and bagging—proposed cancellation of commodity rates and substitution of class rates.

Transit rules and charges—various propositions in different territories. This includes proposal of the railroads to amend and reconstruct transit rules in Central Freight Association, Trunk Line and New England territories on a uniform basis, which would have been done arbitrarily if it had not been for the intervention of the Traffic Committee. This also includes consideration of I. C. C. Docket No. 21056—The Beacon Milling Company Case—asking for an amended transit rule at Cayuga, New York, the decision in which case may have somewhat of a general effect.

Rates on Blackstrap Molasses from Gulf ports, etc., to various territory, also, certain transit arrangements.

Rules covering reconsigning and diversion.

Proposed restriction of transit on cotton seed products in Western Trunk Line and Southwestern territory.

Proposed restriction of the right of shippers to route transit freight.

Proposals for heavier loading of grain and grain products, also tolerance on bulk grain.

Consideration of descriptions of mixed feed proposed in various territories with the idea of making these descriptions as uniform as possible.

The traffic department is operated for consultation on the part of our members on not only general, but on any individual problems that may come before you in transportation matters on which you desire advice or assistance. We want to serve our membership and we want our membership to take advantage of the service offered.

G. S. FRAPS, College Station, Tex., President of the Ass'n of Feed Control Officials, presented an interesting paper on "A Scientist Looks at Mixed Feeds."

HUGH HUMPHREY of Memphis, Tenn., read a paper on "The Future and Futures of Cottonseed Meal" written by Chas. P. Reid of Memphis which appears elsewhere in this number.

J. H. CALDWELL, President of the St. Louis Merchants Exchange was called upon to explain trading in millfeed futures, which starts today on the St. Louis Merchants Exchange. He said that all Mr. Reid had said about trading in cottonseed futures could be applied with equal force to millfeed futures, the Millers of the U. S. producing annually about 4,500,000 tons of millfeed. By establishing a market for trading in millfeed futures the St. Louis Merchants Exchange hopes to relieve the miller of the necessity of running all over the country to sell his millfeed and at

the same time stabilize the market value of millfeed. It is hoped that thru the introduction of trading in millfeed for future delivery the speculative element in this product will be taken over by others and the miller relieved of the necessity of passing up and down the land in search of a market. Mr. Caldwell explained it was not expected to make delivery on sales in the St. Louis market, but sellers will be expected to deliver to buyers at the freight rate differences and buy in their hedge at St. Louis. If the trade makes use of this future market, it should prove of great benefit to manufacturers and consumers.

D. W. McMILLEN disclosed a number of practical objections to the open formula proposed by Dr. Fraps.

THE COM'ITES appointed were:

Resolutions: G. G. Keith, C. A. Coddington, Van Roy Miller, A. F. Hopkins, F. B. Mosher.

Nominating: F. M. Wilson, H. A. Abbott, J. B. Edgar, S. J. Thompson, E. F. Morris.

Auditing: J. M. Adam, G. E. Hillier, C. H. Schinke.

Thursday afternoon over one hundred golfers played a qualifying round on the flat Valley course, each hoping to carry home at least one of the many beautiful prizes offered by friends of the Ass'n.

Annual Dinner.

The annual dinner, held in one section of the general dining room of the French Lick Springs Hotel, was well attended and thoroly enjoyed.

The address of the evening, by Hon. Frederick Landis of Logansport, Ind., won many a laugh.

Beside each diner's plate was an Indian maiden with a numbered tag attached to one leg. Fortunately for Mrs. C. S. Kenney of the Pratt Food Co., Hammond, Ind., she possessed doll No. 60 and took home with her a beautiful large Navajo blanket presented by the Denver Alfalfa Co., of Lamar, Colo.

Remembrance playing cards were presented to each diner with the compliments of the Cereal By-Products Co.

Friday Morning Session.

The second session was called to order in the Convention Hall Friday morning at 10 o'clock and Pres. Suits introduced Earl Weaver of Ames, Ia. Mr. Weaver, Professor of Dairy Husbandry at the Iowa State College, gave his auditors so much to think about and with such rapid delivery that many of them were dizzy long before he stopped talking. While we expect to quote from his splendid address for some time to come, a portion of his address follows:

W. R. YOUNG, consulting expert of the Zeleny Thermometer Co., presented an interesting address on "The Scientific Storing of Feeds and Grains" which will be published in a later number.

SECY BROWN gave a number of announcements about the different field events and special sleepers.

Friday afternoon was devoted to bridge, horseshoe pitching and golf.

The wonder is that the large number of valuable trophies presented for the various contests did not attract every member of the trade. The many tied scores made it necessary for some of the players to stay over Saturday or default to those who remained.

Saturday Morning Session.

The Saturday morning session was called together in the Convention Hall at 10 o'clock and resulted in the adoption of a resolution of condolence for mine host Tom Taggart on the death of his father.

A vote of thanks to the many contributors of prizes for the various contests and appreciation for the presence of the members of the press. A vote of thanks to the Pastime Com'te, to the standing com'tes and to the speakers.

THE ELECTION of officers, directors and com'ten resulted in the selection of the following:

D. W. McMillen, Ft. Wayne, Ind., president; J. B. Edgar, Memphis, Tenn., vice-president; C. W. Chapin, Hammond, Ind., second vice-president; E. F. Morris, Minneapolis, Minn., third vice-president; L. F. Brown, Chicago, sec'y; R. M. Field, Chicago, Traffic Mgr.; W. R. Anderson, Milwaukee, Wis., Treas.

Executive Com'te: W. E. Suits, Chicago; A. F. Seay, St. Louis; H. A. Abbott, Chicago; O. E. M. Keller, Chicago; A. E. Lippelman, Cincinnati; A. T. Pennington, Memphis.

Directors: H. L. Hanes, Nashville, Tenn.; E. G. Olden, Jackson, Miss.; Jim Rapier, Owensboro, Ky.; M. M. Nowak, Hammond, Ind.; Searle Mowat, Detroit, Mich.; Van Roy Miller, Kansas City, Kans.; R. E. Nye, St. Louis, Mo.; Wright Youtsey, Cincinnati, O.; J. L. Anderson, St. Louis, Mo.; J. M. Adam, St. Louis, Mo.; A. F. Hopkins, Boston, Mass.; W. D. Walker, Chicago, Ill.; C. A. Coddington, Cayuga, N. Y.; G. J. Stone, Ft. Worth, Tex.; G. Schmierz, Kansas City, Mo.

The Miracle Molasses Process of the Anglo American Mill Co., was demonstrated on a truck near the hotel where it was shown making sweet feeds by the new cold molasses process.

Tables giving the equivalent in ton values of different grains at different prices per bushel were distributed with the compliments of the Hiawatha Grain Co.

Molasses Feed Mixer.

The molasses feeds put out by the big manufacturers of mixed feeds have earned a well deserved popularity; and mixing molasses is just as desirable in the smaller feed plants where it may be profitable to make byproducts more palatable and nutritious.

The mixing of molasses with feed may seem a simple operation but the requirements are

such that it is impossible to deliver a salable product from a makeshift contrivance.

After the dry ingredients of the feed have been correctly proportioned and thoroly mixed the molasses has to be introduced with a regular flow exactly as the number of pounds of feed going into the agitator. The finished product must be light and fluffy, uniform, free from lumps of molasses and ready for sacking.

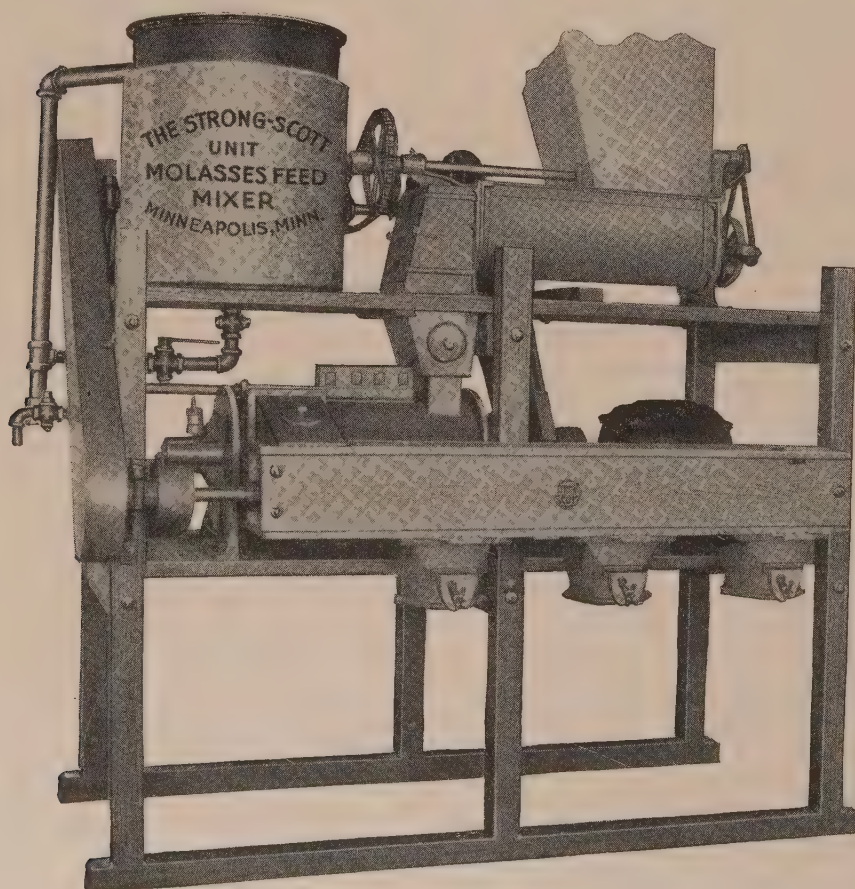
In designing its molasses feed mixer the Strong-Scott Mfg. Co. chose as a regulator of the feed going to the machine the well known Draver Feeder and coupled it to a new, patented, molasses regulator positively forcing the molasses in an accurate stream regardless of the pressure at the inlet or outlet and regardless of the viscosity of the molasses as long as it will flow, and it can be made to flow, since the mixer is equipped with a heating element for use in very severe, cold weather.

The molasses enters the agitator-mixer from the regulator in small streams thru a manifold consisting of four goose-neck inlets, as it is much easier to mix the molasses uniformly with the feed in this manner than by applying it in one large stream, which is apt to form a large gob as soon as it touches the feed.

The use of the goose-neck inlets absolutely prevents any molasses from dropping into the agitator after the machine is shut down because the molasses is forced into the agitator and does not flow into it by gravity. This is a very important feature which the feed manufacturer will readily appreciate.

The agitator-mixer, in which the molasses is applied to and mixed up with the feed, operates at 1200 r. p. m. It thoroly agitates and actually drives the molasses into the feed without leaving the finished product full of "molasses balls," which are the objection to so many molasses feeds.

Altho the machine is shown in the engraving driven by a direct-connected electric motor, it may be driven by belt from line shaft. Additional information will be supplied on application to the manufacturers, the Strong-Scott Mfg. Co.



Sacking Side of the Molasses Feed Mixer.

Official Grading at Country Point.

Inspection of wheat by a federal agent before it is shipped to a terminal market is the goal of a group of farmers of Queen Anne's and Talbot counties, Maryland. Those interested are concentrating their efforts at the office of federal grain supervision in Baltimore.

A trial for six weeks of the plan is being urged. The movement of new wheat in the territory generally starts about July 1 and the backers of the proposed grading change are urging that date as a starting time. Federal Supervisors have no authority to grade grain except on appeal from the grading by licensed inspectors.

Arbitration of Damaged Barley.

In addition to the report on arbitration of refusal to accept barley delivered on contract to ports in Germany, as published on page 648 of last number of the Journal the London Corn Trade Ass'n Arbitration Com'te has made a different finding on similar shipments of barley alleged to be damaged by disease delivered to non-German ports such as Rotterdam and Antwerp.

The com'te held that on shipments to Holland and Belgium the German importers were not entitled to take any advantage, if there was any, of the German "Reichsverordnung" of Sept. 27, 1928, against the barley infected with Giberella, and could not refuse documents, because the parcels had not been inspected by the German laboratories as in the case of barley shipped cif Hamburg or Bremen.

Growth of Grain Storage in St. Joseph.

The Larabee addition is the third for St. Joseph in the last year, marking another step in its progress as a grain and milling center. The Quaker Oats Co.'s expansion program includes 2,000,000 bus. storage space, and the Trans-Mississippi plant will have 2,250,000 bus. added storage.

Grain storage facilities here, when the plant now under way are completed, will be in excess of 9,000,000 bus., or over 100% increase for the year 1929. The figure will also be a ten-fold increase over the storage facilities of fifteen years ago. When the war opened, local storage facilities amounted to 875,000 bus., consisting of the Elwood elevator of 500,000 bus., Burlington of 100,000, Great Western R. R. of 125,000, and American Hominy plant of 150,000 bus.

Public storage plants will include the Burlington Elevator of 1,000,000 bus.; Trans-Mississippi Elevator of 2,250,000 bus.; Stratton Grain Co. elevator of 1,000,000 bus. Present wheat in store at St. Joseph is around 1,000,000 bus., which should mean that considerable space will be available here for storing the 1929 wheat crop.

St. Joseph's grain storage facilities will upon completion of the projects now under construction include:

	Bus.
Burlington Public Elevator.....	1,000,000
Trans-Mississippi Elevator	2,500,000
Stratton Elevator	1,000,000
Aunt Jemima Mills Plants (of Quaker Oats Co.)	2,125,000
Excello Feed Milling Co.....	150,000
Famo Feed Milling Co.....	5,000
Fogarty-Kneib & Co.....	15,000
Grain Belt Mills Co.....	50,000
Hauck Milling Co.....	50,000
Larabee Flour Mill	1,750,000
Larabee Elevator, Elwood.....	500,000
Schreiber Milling & Grain Co.....	75,000
Stock Yards Elevator.....	12,000

Total by end of 1929..... 9,222,000

The Larabee, Burlington, Trans-Mississippi and Stratton Grain Co. storage plants are located near the spot along the Missouri River which has been recommended for the location of a wharf when barge facilities are provided.

In addition to the storage growth at St. Joseph, the production facilities of Quaker Oats Co. are being enlarged to manufacture in St. Joseph almost every product the Company turns out.—N. K. T.

New Elevator for Galveston.

Galveston, Tex., is soon to have a new grain elevator of dimensions fitting its commanding position in the export grain trade of the Gulf of Mexico.

In the early years of its history the port of Galveston was well served by the elevators operated by the Galveston Wharf Co. for the past 30 years. These two houses now are to be replaced by one mammoth structure of 4,140,000 bus. capacity, making with existing concrete storage that will be retained, a total capacity of 6,000,000 bus.

The elevator will consist of a working house 184 ft. long by 50 ft. wide by 230 ft. high. Grain will be received from four tracks from which 16 cars can be unloaded at one time. These should be able to unload and receive 30 cars per hour. The grain will be elevated by four 25,000 bu. capacity per hour legs. In addition to the receiving legs, there will be six 25,000 bu. capacity per hour shipping legs and one 12,000 bu. capacity drier leg. There will be eleven 2,500 bu. capacity grain hopper scales with garners above and below each scale.

The drier unit will consist of three 1,000 bu. per hour units located in a drier building at one end of the work house. There will be two transfer belts on the transfer floor of the work house, one of which will serve to transfer grain out to the garners above the drier units.

The cleaning department will be located in one end of the work house midway between the work floor and spout floor with car load capacity bins above and below the cleaning machines.

The two new storage units will be situated between the work house and the pier. The storage capacity of these two new units will be 4,140,000 bus. The total storage capacity of the elevator including the working house and the concrete storage now a part of the company's elevator "B" which will be incorporated into the new elevator will be 6,000,000 bus.

The shipping house is located at the north end of the new storage units parallel with the pier. Shipping galleries extend out 500 ft. in

each direction from the shipping house along the pier. The elevator is so arranged that when receiving at the rate of 30 cars per hour shipments can be made simultaneously at the rate of 100,000 bus. per hour. Some of the top distributing belts are arranged as auxiliary shippers so that when not receiving up to the maximum capacity, grain can be transferred from the working house to the shipping house and from the shipping house into boats at the rate of 200,000 bus. per hour.

The new construction work can be carried out without interfering with the operation of elevator "B," so that the company will have the use of elevators "A" and "B" to handle the 1929 crop. The new elevator will be completed in ample time to handle the 1930 crop.

The elevator will be electrically driven thruout. Approximately 4,500 h. p. in electric motors will be used. The plans for the new elevator have been prepared by Horner & Wyatt, who will also supervise the construction.

Inaugural of Arbitration Ass'n.

Greeted by a message from President Hoover, the American Arbitration Ass'n at 521 Fifth avenue, New York, N. Y., formally opened its National System of Tribunals in 1650 cities and towns of the country a few days ago. A reception of friends of arbitration by the Ass'n's Directors preceded a half hour speaking program which included talks by William C. Redfield, former Sec'y of Commerce, Julius H. Barnes, Willis H. Booth, Charles L. Bernheimer, Charles H. Tuttle, district attorney, Judge Moses H. Grossman and Lucius R. Eastman, pres. of the Ass'n, who served as chairman.

The activities of the trade ass'ns in assisting the American Arbitration Ass'n in the correlation of all arbitral facilities were praised by Charles L. Bernheimer, chairman of the Arbitration Com'te of the New York State Chamber of Commerce, who is one of the pioneers in the arbitration movement in New York. He stressed the fact that the Ass'n's far-flung activities range from the fish hatcheries of Maine to the grape growers of Cali-

fornia, from the American Bankers Ass'n to the National Hay & Grain Ass'n, among four hundred others of national significance. He stated that the Tribunal facilities of the Ass'n now established in 1,650 towns and cities employing the uncompensated services of 6,000 arbitrators are available at all time to the public as well as members of trade ass'n.

No Duplicate Inspection in Minnesota.

Grain inspected at one Minnesota terminal and shipped to another point within the state will no longer be subject to a second inspection. Such a ruling has been laid down by the Minnesota railroad and warehouse commission in conformity with new state legislation. Disputes, or where the grain is known to be out of condition at the second terminal will be handled in the usual appeal method.

The Commission's order follows:

The passage of S. F. 821 and 822 has had the effect of discontinuing the necessity for the inspection of grain at more than one terminal in Minnesota. In order that there may be no confusion in the working of this change the Commission is issuing the following rules:

On grain held at sampling stations for orders and disposition order diverts the car to a different terminal in Minnesota than the original destination no inspection will be necessary and such cars are not to be placed on the regularly established sampling tracks. Grain shipped from an elevator at a Minnesota terminal to another Minnesota terminal will not be placed upon sampling tracks for inspection at the point of destination.

Elevator companies should provide themselves with state seals, which must be applied to all cars shipped from such elevators in order that the state samplers will not open such cars for inspection at destination.

In any case where there is a dispute between the buyer and the seller, or where the grain is known to be out of condition, requiring a call for reinspection and appeal the call slip must indicate the original inspection, with the name of the terminal, and the Chief Deputy Inspector will procure a sample and act upon such call in the usual way. Wherever possible inspection certificates should be transmitted by the original consignee immediately to the consignee at final destination of the grain.

Importation of wheat and rye flour into Poland until July 31 has been prohibited. The order became effective April 3.



As 6,000,000-bu. Reinforced Concrete Workhouse, Track Shed, Drier Building and Storage Annex Will Appear When Completed by the Galveston Wharf Co., at Galveston, Tex.

Oklahoma Dealers Hold Local Meetings.

During the past week six local meetings have been held at Oklahoma points to discuss the important local problems of the grain trade in preparation for the impending wheat crop. Harvest will start about June 15th so these conferences were held at a very opportune time.

The schedule was followed by John R. Thomas, of Carnegie, the new president of the Oklahoma Grain Dealers Ass'n, who presided at all sessions. Digressions were permitted, however, and some of the subjects brought up proved the value of having the dealers themselves air their problems and arrive at understandings between themselves which are bound to result in saner methods.

"Cooperation, not cut-throat competition," said Mr. Thomas, "is the life of trade," reciting how this adage had come to him thru an advertising saleswoman and how reflection and practice in his territory proved it to be true. There is no more reason why grain dealers should fight among themselves and buy their way into bankruptcy, then there is for two farmers living across the road from each other, coming to blows because each raises wheat and thereby increases the output and the surplus supply. The practice of slapping each other over the head with a pocket book brings nothing but disaster and grief. For as soon as one competitor is eliminated another is ready to take his place. Eventually the pocket book slapper is himself ruined.

It is questionable whether the farmers have respect for the man who gets his business by the pocket book method and it is wholly unjust to them to place their intelligence so low. The grain dealer who hopes to gain and hold their business by this method is fooling only himself.

In this connection a representative traveler told of his experiences in auto trading. One auto agency offered him \$130 more than the next highest bidder. Manifestly the agency was offering to give away its profit.

"I'm going to watch that fellow awfully close to see that he does not slip something over on me, such as a demonstrator or another second-hand car."

That the farmers have a similar feeling about the over-bidding grain buyer and are equally wary was borne out by the expression of G. C. Rhoads, a Rosston farmer and pres. of the farmers elevator at that point, who attended the Forgan meeting.

"This meeting," he said, "has changed my mind about the grain dealers. I do not now believe that they are always out to skin the farmers. They are simply trying to make a living and they are entitled to it."

"If the grain dealers would refuse to take wet wheat they would soon discourage the practice of the farmers in harvesting too early or under the wrong conditions. But so long as some misguided dealer is willing to take the stuff the farmers will unload on him."

"I think most of my farmer friends would agree with my own feelings that when a grain dealer gets out of line on price or grade it is a pretty good idea to watch his weights. He is liable to try to make his profit with crooked scales. Such dealers neither merit nor receive our respect and we simply play the game the way we think he plays it."

FARM STORAGE

Dealers invariably expressed a belief that the place to store wheat is on the farm. If the grain is in such condition that the farmer can't store it safely, it is in no condition for the grain dealer to handle. Storage on the farm will permit the producer to earn the carrying charges and sell when the market is satisfactory. Otherwise storage charges must be assessed against the grain.

STORAGE IN COUNTRY ELEVATORS

Even at the accepted rates of 1/30th cent a bushel per day the country grain dealer can-

not make money storing wheat for the farmers. It may be possible for him to break even on cash grain held in his own house but he will go behind if he ships it to public terminals and pays their charges. One dealer at Vici charges 1½¢ a bu. per month, which takes care of all the costs, but has experienced much difficulty educating his trade to such rates. The accepted rate of shrinkage in wheat was ½ of 1%. Storing of wheat was generally denounced and practically every dealer manifested his intention of avoiding it if his competitors would permit him to do so.

WET COMBINED WHEAT

The heavy moisture content of early combined wheat makes it difficult to handle and usually unprofitable.

Most of the dealers felt that such grain should be sent back home, even tho only one or two loads were offered, or else refused so competition could take the loss. Certainly if wet wheat is bought the dealer will have difficulties, and if he does not handle it he will not have to take the loss.

RATE REDUCTION FOR EXPORT

The general Southwest rate reduction of 3½ cents on export grain to Galveston was discussed and it was explained that cars using this rate must be loaded to 110% of capacity. Accordingly an 80,000 lbs. capacity car must be loaded to a minimum of 88,000 lbs. to participate. If a less amount were put in car the freight would be assessed against 88,000 lbs. anyway.

The maximum capacity can be determined by subtracting the light weight from the gross weight as stenciled on the car.

E. L. MORRIS, Federal Supervisor Kansas City, talked on wheat inspection, explaining the process, and advocating the use of a moisture tester to determine the per cent of moisture in wheat before buying. Proper grading, contended Mr. Morris, cannot be done without using a moisture tester as well as the weight per bu. tester kettle. His discussion will appear in detail in the next number of the Journal.

A group composed of Pres. J. R. Thomas, of Carnegie, Sec'y C. F. Prouty of Oklahoma City, E. L. Morris of Kansas City, C. A. Livingston of Enid, and the representative of the GRAIN DEALERS JOURNAL, covered all meetings, driving from one to the other each day. During the week meetings were held at Frederick, Hobart, Clinton, Woodward, Forgan and Alva.

Beer and sandwiches were served at each session. The boys at Frederick spread themselves by offering a couple of bushels of barbecued chicken in addition, thru courtesy of Harry Joyce and Carl Cassidy.

Among those attending the meetings other than the local dealers and the five men previously mentioned were the following:

AT FREDERICK MEETING.

W. H. Schroeder and B. W. Russell, Walters; J. E. McDonald and J. W. Enoch, Temple; R. W. Brantly, Hollister; H. L. Gurwell, Jas. E. Bennett & Co., Oklahoma City.

AT HOBART MEETING.

A. J. Orr, John W. Orr, J. R. Sampies, Cordell; Max Wallace, Snyder; Ross McClure, J. B. Coker, E. C. Harris, Carnegie; Ed Burson, Chickasha; F. I. Hagemeier, E. B. Bristow, G. C. Hines, Roosevelt; Harry Joyce, Carl Cassidy, Frederick; John F. Cox, Granite; Delmar Marshall, Rocky; Albert Voss, Gotebo; R. L. Giguix, J. R. Potter, Mountain View; Roy Frymire, Wolcott & Lincoln, and H. L. Gurwell, Jas. E. Bennett & Co., Oklahoma City.

AT CLINTON MEETING.

Wm. Black, Arapahoe; J. W. Fransen, A. W. Hectley, Weatherford; Roy Whitley, R. B. Whitley, J. W. Orr, A. J. Orr, Cordell; A. B. Schmidt, A. H. Schmidt, Bessie; Ross H. Pool, H. R. Doak, Hydro; Paul E. Peeler, Elk City; F. L. Palmer, Leslie O'Brien, Roy Frymire, Wolcott & Lincoln, Oklahoma City.

AT WOODWARD MEETING.

H. F. James, John Reimer, C. T. James, Gage; J. F. Wright, E. L. Barbour, G. C. Danner, Fargo; L. R. Siddles, Shattuck; Glen Johnston, Fairview; D. F. McNamee, Belva; Wm. Parsons, O. J. Dewey, Jim Litz, Buffalo; L. A. Dungan, May; P. L. McNeil, Sharon; Mat Roet-

ker, Harley Dickinson, Selman; W. F. Neimier, Langier; C. E. Eden, O. Pierce, W. H. Edwards, Vici; C. E. Ludden, Moorland; W. V. Carr, A. H. Reisdorph, W. T. Andrews, Camargo; P. M. Berry, Waka, Tex.; E. Phillips, Spearman, Tex.; W. L. Matthews, J. T. Patton, E. S. Belden, Higgins, Tex.; R. B. Graves, Le Verne, Okla.; J. F. Tevis, Wichita Falls, Tex.; W. C. Van Horn, Hutchinson, Kan.; Roy Frymire, Wolcott & Lincoln, Oklahoma City; Stanton Thatcher, Oklahoma City; W. B. Johnston, Enid.

AT FORGAN MEETING.

R. L. Caldwell, G. C. Rhoads, Rosston; R. E. Wells, W. H. Robertson, W. C. Robertson, C. W. Huguley, Beaver; W. R. Dixon, Knowles; C. E. Kirkhart, Gate; Stanton Thatcher, Leslie O'Brien, F. L. Palmer, Oklahoma City; Karl Couch, LaVerne; H. A. Laske, Floris.

AT ALVA MEETING.

R. A. Jansen, Guss Heady, Tacoma; Lester McKee, H. S. Haggerd, Ingersoll; Geo. Burgin, J. A. Cantball, Ralph McCrady, Carmen; J. O. Braught, Waynoka; F. H. Schlicht, Burlington; L. A. Douglas, J. R. Harold, Wichita, Kans.; W. B. Johnston, Dale Johnston, Oscar Robinson, G. C. Rhodes, E. R. Humphrey, A. R. Hacker, Jesse Langford, Enid.

Pool members ought not to be allowed to vote as members of the Manitoba legislature on a bill to incorporate the Co-operative Wheat Producers, Ltd., is the contention of two members, J. T. Haig and W. Sanford Evans.

The Speculator.

A predatory rascal is the wheat speculator! He toils not, neither does he spin! Battenings upon the misadventures of others, there is no need. A wolf in the fold! A hawk in the barn yard! A shark among the bathers! Yes, he is every bit of all that—in the eyes of the ignorant.

In reality, however, this much maligned individual is a philanthropist—not, perhaps, in an altruistic sense, but certainly in a practical one. His contribution to the general weal is colossal! In the first place, he has to be right to exist; and in the second, through being right he becomes a righter of economic wrongs. He is an analyst who separates the grain from the chaff; a student who by following the statistical changes, develops a sense of proportion that enables him to minimize the element of chance. He is the eyes of the trade!

Wheat has an actual supply and demand value at all times, but the market does not always reflect it. Occasionally, the latter wanders off into a jungle of false hypotheses; and unless checked and brought back by the speculator the aberration may last for months, during which time, general derangement and stagnation prevail. Witness, in this connection our present situation.

Our exports began to drop off early last autumn, because our futures, in which the wheat was hedged, were out of line with world conditions. Formerly, this would have been a simple matter for one of our erstwhile market leaders to adjust. The situation admitted of no other interpretation than an enormous surplus in the spring, and all that was necessary to do was to bring the trade to its senses by selling them all they wanted and then some. Had that been done our market would have gone to an export basis and the present congestion would have been avoided. But there was no market leader. Why?

Now, while the rush of new crop wheat, for a few weeks, may be overwhelming, the merchandising process takes months; and as the farmers must have their money at once and the millers fill only their temporary wants, it follows that unless we are on an export basis our only hope is in the speculator.

Some of our largest operators conformed to the restrictions and passed from sight as factors; others retired from the Board altogether and to the loss of this valuable influence may be ascribed the loss of fully fifty million bushels in export and an adequate storage for our new crop.—Bennett's News.

Grain Trade News

Reports of new firms, changes, deaths, casualties and failures; new elevators, new flour mills, improvements, fires and accidents are welcome. Let us hear from you.

ARKANSAS

Fort Smith, Ark.—Arkoma Grain Corp., incorporated; capital stock, \$100,000; officers: Collier Wenderoth, pres.; Leigh Kelley, sec'y; H. C. Bass, C. J. Carson, R. L. Reese, together with pres. and sec'y, form the board of directors. Other stockholders are A. Y. Berry and A. N. Sicard. The firm was formed for the purpose of taking over the properties of the Wenderoth Grain Co., Fort Smith, and of the Adair County Mill & Elevator Co., at Stillwell, Okla., and at Sallisaw, Okla. Headquarters will be at Fort Smith. It is planned to erect five additional grain elevators in eastern Oklahoma within the next few months.

CANADA

Cross, Sask.—The State elevator on the C. P. R. main line here burned on May 8; loss, \$100,000.

Oldcastle, Ont.—The elevator here owned by A. J. Green, of Windsor, burned on May 4; loss \$10,000.

Regina, Sask.—George Ewart, commissioner, is quoted as saying that a new flour mill will be erected this year in this city.

Winnipeg, Man.—The Wheat Pool is now occupying its new building here. Machinery for the laboratory has been installed.

Goderich, Ont.—John L. A. Hunt, pres. of the Goderich Elevator & Transit Co., Ltd., for the past 25 years, died on May 31.

Belleville, Ont.—L. C. Cooper's flour mill burned on May 13. Loss 25,000. It was a large frame building, standing in the center of the town.

Muirkirk, Ont.—Arrangements for financing the erection of a pool elevator at this point are said to be almost complete, and it is believed that an elevator will be finished in time to handle the new crop.

Sorel, Que.—The North American Elevator Co., Ltd., having offices in Toronto and Montreal, will start at once the erection of a 2,000,000-bu. elevator here, to have two marine towers, each with a capacity of 25,000 bus. per hour.

Kingston, Ont.—There is still some talk here of a 4,000,000-bu. elevator, as mentioned in the Mar. 25 Journal. W. H. Coverdale, pres. of the Canada Steamship Lines, may undertake it as a private venture, later turning it over to the company.

Winnipeg, Man.—James A. Richardson, pres. of James Richardson & Sons, Ltd., of this city, one of the largest grain exporting firms of Canada, is being talked of as a chancellor of Queen's University, Kingston, as a successor to Sir Robert Borden.

Toronto, Ont.—W. LeRoy Shaw, son of the founder of the Maple Leaf Milling Co., and since his father's death having taken his place on the directorate of the company, died suddenly of pneumonia, in London, on May 23, while on a trip to England with his family.

Kentville, N. S.—A com'te of the legislature has been appointed to investigate and report as to the feasibility of establishing flour mills in this province, the members of which are: Frank Stanfield, of Truro; Hon. O. P. Goucher, of Annapolis Royal, and Dr. J. L. McIsaac, of Antigonish.

Toronto, Ont.—L. H. Boyd, chairman of the board of grain commissioners, has recommended to the com'te investigating the handling of grain in Canada, that a grain board consisting of three members be appointed, with headquarters at Winnipeg; that six fieldmen be appointed to inspect elevators, hear complaints and look into conditions in the various grain growing districts of western Canada, to be located at Edmonton, Calgary, Regina or Moose Jaw.

Ottawa, Ont.—The agricultural com'te of the house of commons at Ottawa has recommended that the mixing of grain in the three top grades, Nos. 1, 2 and 3 northern wheat, be prohibited; also that the final outturn in all grades be 75% of the average quality of the grade and not more than 25% of the minimum.

Ottawa, Ont.—The court has given judgment in favor of the Saskatchewan Wheat Pool in the matter of income taxes for the years 1925 and 1926, amounting to \$456,632, which the Dominion Government claimed as arrears, as reported in the Apr. 10 Journal. This amount represented deductions set aside for elevators and commercial reserves and for operating expenses. The judge held that they were temporary loans made by farmers in the pool, and were not profits within the meaning of the act.

Vancouver, B. C.—A development program by the Vancouver Board of Harbor Commissioners includes increasing the capacity of Elevator No. 2 from 1,500,000 bus. to 3,500,000 bus. and doubling the capacity of Ballantyne Pier and the 1,500,000-bu. elevator. The commission has secured a loan of \$10,000,000 from the Government for the purpose. The contract for the Midland Pacific Grain Co.'s 1,000,000 bu. elevator is said to have been let to C. D. Howe & Co., and also that the Alberta Wheat Pool 2,750,000-bu. addition (mentioned in the last number of the Journal) is a certainty.

Ft. William, Ont.—The suggestion made by Leslie H. Boyd, chairman of the grain commission, that the commission's headquarters be moved from this city to Winnipeg has met with a storm of disapproval from the press, the mayor, the Board of Trade and other organizations. It would mean the removal of approximately 50 families, many clerks and much business from this city. Ft. William, located at the head of the lakes, where the elevator business is centered, is considered the logical place for the headquarters of the board. Moreover, that location was incorporated in the original grain act. The people of the city financed the building to house the offices of the board, some at personal sacrifice.

COLORADO

Burlington, Colo.—The Swenson Tooker Grain Co. has purchased an air compressor from the White Star Co.

Johnstown, Colo.—A feed grinder has recently been installed in the Colorado Milling & Elevator Co.'s elevator here.

Strasburg, Colo.—The Strasburg Co-op. Co. has gone out of business and R. A. and T. E. Miller have taken over the elevator.

Denver, Colo.—The Herbert M. Welsh Grain Co., of Sterling, Colo., opened an office here on the sixth floor of the Cooper building, June 4. A. H. Mentgen, of the Sterling office, and Fred Smith, formerly with the Smoot Grain Co., of Salina, Kan., at Sterling, will be in charge.

ILLINOIS

Colmar, Ill.—The Colmar Farmers Elevator Co. is dissolving and giving up its charter.

Montrose, Ill.—The Paul Kuhn elevator at this point has been bot by T. H. Vaughn.

Victoria, Ill.—Arthur Peterson, formerly of Roseville, has become mgr. of an elevator here.

Cornland, Ill.—The Cornland Farmers Grain Co. has bot out Lewis Ramthun's coal business.

Merritt, Ill.—Windstorm blew down and damaged the dust spout to the elevator of A. B. Chrisman on May 15.

Noble, Ill.—J. C. Sonner's mill was burned and slight damage was done to the exposed warehouses on May 30.

Macomb, Ill.—Have been out of the grain business for five years but think I will enter the field again.—H. E. Maxwell.

Mt. Auburn, Ill.—The Mt. Auburn Grain Co., V. Davidson, mgr., has installed lightning rods on its elevator.—Squire Cavitt.

Bloomington, Ill.—We have changed our office from 223-225 Durley Building to 300-308 Griesheim Building.—Farmers Elevator Co-op. Supply Co.

Arthur, Ill.—Arthur Farmers Elevator Co. incorporated; capital stock, \$40,000; incorporators, Henry Jurgens, John H. Hansen, Lloyd Ascher-mann.

Eldena, Ill.—The Eldena Co-op. Co. is making some improvements on its elevator building and installing corn grinding machinery and a new dump.

Bethany, Ill.—The Bethany Grain Co., E. A. Walker, mgr., is replacing its steam engine with a Fairbanks-Morse Oil Engine.—Squire Cavitt.

Burnside, Ill.—A half interest in the Burnside Mill & Elevator Co. has been purchased by Mr. Thorrell of the LaHarpe feed store and he will take charge.

Pana, Ill.—The regular meeting of the grain trade of the Pana territory was held at the Hotel Francis here on June 3, dinner being served at 6:30 p. m.

Kankakee, Ill.—The grain trade of the Kankakee territory held its regular meeting here on June 5 at McBroom's Restaurant where a 6:30 dinner was served.

Pontiac, Ill.—Thieves recently took from the Illinois Central depot here a 12-inch belt with 11-inch V buckets, which belongs to the Farmers Elevator Co. at this point.

Champaign, Ill.—A meeting of the grain trade of the Champaign territory is scheduled for tonight (June 10) at the Inman Hotel here where the dinner gong sounds at 6:30.

Galva, Ill.—The Quaker Oats Co., who acquired the Reynolds elevator, is installing another standard model Kewanee Lift. The first Kewanee Lift was installed a year ago.

LaPrairie, Ill.—The LaPrairie Elevator Co. has carried an appeal to the circuit court in the suit of J. B. Smedley, Inc., to recover for a general purpose mill sold, valued at \$300.

Peoria, Ill.—Franklin W. Arnold, formerly in the grain business and at one time operating as F. W. Arnold & Co., died recently after a lingering illness. His widow survives him.

Chatsworth, Ill.—The regular monthly meeting of the grain trade of the Chatsworth territory was held at the Chatsworth Hotel here on May 28 at 7 o'clock p. m., at which time dinner was served.

Mason City, Ill.—W. F. Allison, for six years mgr. of the Farmers Grain & Coal Co.'s elevator here, closed a deal on May 18 for the Chicago & Alton elevator at this point and has taken possession.

Arthur, Ill.—I am mgr. of the Arthur Farmers Elevator Co. which was recently formed and purchased both the Buckner-Eads elevator and the A. F. Davis elevator.—Laurence Pittman, mgr., Arthur Farmers Elevator Co.

Cerro Gordo, Ill.—The Cerro Gordo Farmers Co-op. Grain Co., Herbert Hendricks, mgr., has installed SKF Antifriction Bearings thruout its plant. The machinery operates as quietly now as a watch.—Squire Cavitt.

Hammond, Ill.—The Hammond Farmers Co-op. Grain Co., Frank Holub, manager, has just completed redecorating the interior of the office in blue and white and it shows that someone is on the job.—Squire Cavitt.

Moweaqua, Ill.—The Farmers Grain Co. is putting a new floor on its scale. The flooring is of 3x12-inch cypress and should last for many years. The company is also installing a new grain shaker in the dump.—Squire Cavitt.

Atwood, Ill.—G. W. Robertson of Springfield has been employed to succeed Laurence Pittman as mgr. of the Atwood Grain & Supply Co.'s elevator, Mr. Pittman having gone to Arthur, Ill., to be mgr. of an elevator there.

Streator, Ill.—The Streator territory grain trade held its usual meeting here on June 6 at the Good-Will Hall where dinner was served at 6:30. This meeting was a social affair and each grain dealer was supposed to be accompanied by his wife—or friend. A good program had been arranged and a fine time was enjoyed by all those who attended.

Walker, Ill.—J. F. Van Gundy & Son, Clarence Van Gundy, mgr., are making extensive repairs on their plant. They are covering the elevator with sheet metal and when fully dressed up it will look like new.—Squire Cavitt.

Springfield, Ill.—House Bill No. 361, which exempts purchaser of crops from threshermen's liens, had been passed by both houses and was before the governor on June 1; also Senate Bill No. 434, which removes 7% limit on call money interest.

Ivesdale, Ill.—Cook & Milligan, Guy Cook, mgr., have enlarged their office to about one-half again as large as it was. They are going to repaint the interior and when it is completed they will have a real nice country grain office.—Squire Cavitt.

Erie, Ill.—Among the improvements to be made this spring in the McNeill & Emmitt elevator is the installation of a standard model Kewanee All-Steel Truck Lift with grain grates and other accessories. The compressor will be fully automatic.

Rankin, Ill.—The division freight agent of the Nickle Plate Railroad advises us that our request for transit privileges has been granted. We have installed a new cleaner and will install a car unloading device at an early date.—Rankin Grain Co., C. A. Burks, mgr.

Sandwich, Ill.—The time of the meeting of the grain trade of the Sandwich territory has been changed from June 6 to June 12 on account of the former date conflicting with a number of commencement exercise dates. Dinner will be partaken of in the I. O. O. F. Hall at 6:30 p. m.

Sloan Station (Ivesdale p. o.), Ill.—The Horton Grain Co., W. Juvell, mgr., is erecting a fine new office building, 20x24 ft., roofed with "storm safe" shingles and equipped with a new 10-ton scale. The new office stands on the same spot the old one did.—Squire Cavitt, with James E. Bennett & Co.

Blue Mound, Ill.—Blue Mound Grain Co. incorporated; capital stock, \$10,000; incorporators: C. T. Moore, Earl Crow, D. B. Davidson. The company will deal in grain, feed and coal.—P. J. P. (Another report from D. B. Davidson says that the Blue Mound Grain Co. will operate under lease the properties of the Farmers Grain Co. and of E. W. Crow & Co., Earl Crow and D. B. Davidson being in charge.)

Mendota, Ill.—Lamson Bros. & Co. of Chicago have taken over the local business of Moore & Kliyla, H. C. Moore, senior member of the firm, having decided to retire after 28 years in the grain commission business in this territory. The new owners will continue the business in the same location and have retained J. O. Kliyla as mgr., also A. W. Haag and E. C. Therme will retain the positions they held with the former owners.

Woodstock, Ill.—R. O. Andrew, for a number of years mgr. for the Woodstock Milling Co., whose plant burned last January, recently purchased the interests of the other stockholders of the company and is erecting a new building on the site of the old mill, which will be equipped with up-to-date machinery for custom grinding. The new building is fireproof and is equipped with fire protection apparatus. An ice plant has already been completed and is in operation.

Bushnell, Ill.—The Farmers Elevator Co. is making extensive improvements in its elevator by installing the following: One new dump with scale and Kewanee Truck Lift, two Constant Feeder Chain Drags, 30 feet long, one spiral, 10-in. conveyor 24 feet long, two office rooms 12x13, resetting corn sheller and coal scales, 6 new cribbed bins with 7,500 bus. storage, one new elevator leg with 6x12 high-speed cups, asphalt shingle roofing, waterproof pit for elevator boot, four grain dumps holding 500 bus. each; cost, \$5,000. J. D. McClean & Co. have the contract.

Springfield, Ill.—The Pillsbury Flour Mills Co.'s new plant here, details of which were published in the last issue of the Journal, now under construction at 15th and Phillips streets, on the C. M. & St. P. and the Wabash railroads, is expected to be ready to handle grain by Oct. 1 and the mill to make flour by Dec. 1. The Jones-Hettelsater Construction Co., which is doing the construction work, will furnish the machinery and equipment for the elevator and the owners will furnish and install the mill machinery. Provision has been made to double the capacity of both elevator and mill in the future, the work house being able to handle the increase.

Hindsboro, Ill.—The writer is taking over the interest of A. M. Kenney, deceased, in the Hindsboro Grain Co. and the corporation is being dissolved. The elevators at Hindsboro will still be operated, however, as the Hindsboro Grain Co.—T. E. Hamman, Arcola, Ill.

Cullom, Ill.—The Cullom Co-op. Grain Co. has been making extensive improvements on its elevator, including changing the drive to the north end of the building, installing new motors, electric wiring thruout, and putting in new truck dumps. George Saathoff did the work.

CHICAGO NOTES

Board of Trade memberships are selling at \$34,700 net.

Alfred S. Rogers has become a general partner in Thomson & McKinnon, and Roderick W. McKinnon has retired from the firm.

The rate of interest for the month of June has been set by the directors of the Board of Trade at 7% per annum for advances on Bs/L.

Albert Nelson, a government grain official in the Pacific Northwest for years, has been transferred to this city as a member of the board of review of the United States Department of Agriculture.

The Board of Trade suspended operations in the wheat pit on Saturday, May 25, long enough to present a bouquet and wish many happy returns of his birthday to John Barrett, a veteran trader.

Mrs. Charles W. Wheeler died on June 2. She was the widow of Charles W. Wheeler, her husband being a member of Munger & Wheeler who operated elevators on the Chicago River many years ago.

Jas. E. Cairns, long a member of the Board of Trade and at one time with Jackson Bros. & Co., on June 1 was admitted as a general partner in E. W. Clucas & Co. of New York who will open a Chicago office.

During May, deliveries of grain on contracts on the Board of Trade for May delivery set a new record, totaling 39,720,000 bus., of which 21,310,000 bus. were wheat, 11,541,000 bus. corn, 4,290,000 bus. oats and 2,579,000 bus. rye.

The following have recently been admitted to membership in the Board of Trade: James L. Cooke, Cleaver Thayer, Frederick Hertz, John G. Roberts, Harry J. Lowenbach, Banford E. Langill and Solomon H. Kesner. Changes of address: Rural Grain Co., to 343 S. Dearborn St.; Paddleford & Lamy, to 208 S. LaSalle St.

The board of governors of the Board of Trade Clearing Corporation has adopted a resolution effective June 1 imposing a fine of \$50 for failure to deliver report of open trades to clearing house. For delay in filing report by 6 p. m. a fine of \$5 to \$10 will be imposed. A small fine will be imposed for delay in filing clearing report for indemnities.

The Sullivan Bill, designed to give the Board of Trade exemption from the license requirements and other rigors of the blue sky law in its handling of stocks and bonds, was passed by the Illinois Senate on May 28 by a vote of 42 to 0. The bill had been passed by the House of Representatives earlier in the month, as reported in the May 10 Journal, and now goes to the governor for his signature, and it is believed that he is friendly toward it.

Frederick Fitzherbert Bullen, one of the early members of the Board of Trade, and in the malting business in Chicago, died in San Diego, Cal., on June 5 at the age of 75 years. While still in his teens he helped to organize the Lill & Bullen Malting Co. of this city, later becoming associated with his brother George in his malt house. In 1889 he organized the Frederick F. Bullen Malting Co., selling it later to the American Malting Co., then becoming pres. of the Winona Malting Co. of Red Wing and Winona, Minn.

Ludwig B. Armerding, employed by Parker & Graff since 1912, is to return to their New York office where he began his career in the grain business. After preliminary training he was sent to St. Louis where he bot corn for the Corn Products Refining Co.'s plant at Granite City. When this plant was sold in 1920 he came to Parker & Graff's Chicago office and has since served them as broker. His seventeen years of service for Parker & Graff has enabled him to make many friends in the grain trade in the principal markets of the Middle West. Returning to New York is like going back home, richer in friendships and experience.—Samuel Raymond.

Sales of grain for future delivery in Chicago during May, compared with the same time last year, were as follows: Wheat, 1,040,212,000 bus., compared with 1,266,452,000 for 1928; corn, 482,265,000 bus., compared with 644,680,000 for 1928; oats, 52,471,000, compared with 126,656,000; rye, 26,165,000, compared with 35,996,000.

INDIANA

Rushville, Ind.—Rush Service Buro is installing Sidney elevator equipment.

Culver, Ind.—Harry Medbourn is the new mgr. of the Culver City Grain & Coal Co.'s plant.

Bloomfield, Ind.—The American Milling Co. of Peoria, Ill., has leased the Bloomfield Mill & Elevator Co.'s mill, effective June 1.

Tipton, Ind.—The Tipton Mills Co.'s office is having an additional story put on. A corn drier was recently added to the mill.

Indianapolis, Ind.—Recent new members of the Indiana Grain Dealers Ass'n are: W. C. Moorhead & Co., Chicago, and Moore Bros., Kirklint, Ind.

Indianapolis, Ind.—The Indiana Grain Dealers Ass'n holds its midsummer meeting in this city on June 21, the next day after the close of the Ohio ass'n's meeting at Cedar Point. By this arrangement two birds can be killed with one stone.

Hamlet, Ind.—The Hamlet Grain & Feed Co., incorporated; capital stock, \$25,000; to operate grain elevators and to buy and sell grain, feed, flour, seed and fertilizer; incorporators: Charles M. Patty, Maria E. Patty and Charles E. Patty, Jr.—W. B. C.

Princeton, Ind.—William Mann, engaged in the grain and feed business at this place for many years, died, late in May, at his home after a short illness. He was well known in the trade of this section. He was 65 years old. A son survives him.

Ingalls, Ind.—Lightning was the cause of a fire which totally destroyed the elevator of the Ingalls Grain Co. and stock of the Goodrich Bros. Grain Co. on May 25. Loss, \$25,000; partly insured. It will probably be rebuilt at once. Ralph Wright is the mgr.

Gilman (Alexandria p. o.), Ind.—The work of rebuilding the Goodrich Bros. Co.'s elevator here has been delayed somewhat on account of inability to get the necessary lumber. Van Voorst is in charge of the construction. A new side-track has been laid by the railroad company.

Indianapolis, Ind.—There is only one candidate for the office of pres. of the Board of Trade, Otto P. Deluse, the election being scheduled for today, June 10. The annual dinner for members of the Board of Trade was held on June 6 in the dining-room of the Board of Trade.

Enos (Morocco p. o.), Ind.—The Morocco Grain Co.'s elevator here, located on the Big Four, five miles from Morocco, burned on May 18; partly insured. The elevator contained 3,000 bus. of grain, which was also destroyed. Walter Atkinson and John Coulbrene are the owners.

Mt. Vernon, Ind.—The Fuhrer-Ford Milling Co. intends rebuilding its granary and buying station, seven miles west of this city, which were burned on May 18 (as reported in the May 25 Journal), just as soon as the insurance has been adjusted. It is planned to have the new buildings similar to the former ones, which had a storage capacity of \$50,000 bus. of corn and 20,000 bus. of wheat.

Bourbon, Ind.—The old Bourbon elevator building, once owned and operated by the E. E. Delp Grain Co. of Philadelphia, Pa., and whose ownership is now the subject of litigation by the First State Bank of Bourbon, by Peter Jankowski of Plymouth and by Joseph Niespodziany of South Bend, has been ordered torn down by the state fire marshal's office as it is falling into a state of bad repair and is considered a fire menace.

Liberty, Ind.—The Muff Grain & Coal Co., which operates elevators at Somerville, Eaton and Fountain City, has bot H. C. Sharp & Co.'s grain, feed and coal business here and will deal in grain, seeds, feeds, coal and building materials. Byron McKee, who has been with the Muff Co. for several years, has been transferred to Liberty as mgr. from Richmond where the company has a coal yard. Lyman Orr, who has been mgr. for H. C. Sharp & Co., will devote his time to his dairy interests.

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Simonds-Shields-Lonsdale Grain Co.

General Grain Merchants

Smith-McLinden Grain Co.

Wheat, Coarse Grains, Mill Feeds

Stevens-Scott Grain Co.

Wheat, Kafir, Milo Maize, Corn

Sam P. Wallingford Grain Corp.

General Grain Business

Wichita Terminal Elevator Co.

Receivers, Shippers—Storage

Adair Grain Co.

Wheat, Corn, Oats, Kafir

Pocahontas, Ia.—In error it was reported that Perry Pearson was to be the new mgr. of the Farmers Elvtr. Co.'s elevator here. F. A. Koenig, who was assistant under W. C. Hunt, the former mgr., was appointed as mgr. and Mr. Pearson was taken on as assistant.—Art Torkelson.

Audubon, Ia.—Mrs. Irene Corcoran was given a judgment of \$187.36 against the Trans-Mississippi Grain Co. by a jury, late in May. Mrs. Corcoran sought to recover the value of grain which she claimed was sold to the company by her tenant, Herman Meiners, when she had a landlord's lien on the grain because of rent due her.

Palm Grove, Ia.—The Farmers Exchange has just recently completed a 20x12 addition to its elevator which will be used as office space; a new safe, an air dump, and a 15-ton scale have also been installed. Peter Greenfield, mgr., states he is now ready to handle business in an efficient way with all this new equipment.—Art Torkelson.

Storm Lake, Ia.—J. Miles Smith, local mgr. of Lamson Bros. & Co., just recently joined the benedicts. He was secretly married at Spencer, Ia., on May 28, to Miss Clara Schluntz, of Rembrandt, Ia. We are unable to state what the bride wore, whether or not the band played the wedding march and where the wedding dinner was served. The couple are now settled in their home at Storm Lake.

Lost Nation, Ia.—Having sold our elevator, our business and our good will to the Farmers Co-op. Co., of Lost Nation, we are retiring from the local grain business, after over 48 years in continuous grain trade here and in nearby stations. We will give possession July 1, 1929, and discontinue the local business, but we will retain our wholesale grain business as we have in the past.—Phelps Grain Co.

Ticonic and Rodney, Ia.—The Rodney Grain Co., composed of Clarence and Marion Nickolaisen, partners, operating elevators at these two points, has dissolved, Marion continuing the operation of the Ticonic elevator, and Clarence the Rodney elevator under the name of the C. C. Nickolaisen Grain Co. The Ticonic Lumber Co., of Ticonic, has bot the lumber and coal business of the brothers at both places.

Des Moines, Ia.—I have resigned my position as scale inspector for the state department of Agriculture, which department I have been with for 14 years; thirteen years I spent as inspector for the Western Grain Dealers Ass'n, making 27 years in this line of work. At this time I want to take the opportunity of thanking you and the grain dealers, also the coal trade, for the courtesy shown me. If at any time they require my services, I would be glad to help them.—E. J. Nolan.

KANSAS

Downs, Kan.—Nye & McMillen have covered their elevator with iron.

Atwood, Kan.—The Fuller Grain Co. of Kansas City has bot the P. K. Studer elevator here.

Bison, Kan.—The Shellabarger Mill & Elvtr. Co. has installed a 7½-h.p. Fairbanks-Morse Motor.

Offerle, Kan.—M. W. Oliphant has purchased cup belt, White Star Special V Cups, Distributor and Boot.

Murdock, Kan.—The Farmers Elvtr. Co. has purchased the Wright-Leet Grain Co.'s elevator at this station.

Attica, Kan.—The Attica Grain & Elvtr. Co. is having its entire elevator building covered with sheet iron.

Caruso, Kan.—The elevator and coal shed of the G. E. Fike Grain Co. were slightly damaged by fire on May 27.

Simpson, Kan.—The Simpson Grain Co. has installed SKF Bearings, pulley sprockets and chain furnished by the White Star Co.

Tescott, Kan.—The Farmers Co-op. Elvtr. Co. is installing a new 10-ton Fairbanks Scale. Charles E. Pruett is mgr.—Jimmie Quinn.

Byers, Kan.—A 12,000-bu. elevator is being erected on the site of the Commander-Larabee Corp.'s elevator, which burned in April, by John Gereke, who has bot the site and will be the sole owner of the business.

Haggard, Kan.—A 12,000-bu. elevator is under construction here, owned by C. R. Blanton and D. J. Smith, to be completed in time for the new crop. Mr. Smith will manage it. This is the third elevator for this point.

IOWA

Hardy, Ia.—The Farmers Elvtr. Co. has protected its elevator against lightning.

Humboldt, Ia.—The Farmers Co-op. Ass'n has installed a motor driven Haines Feed Mixer.

Perry, Ia.—The Denniston & Partridge Grain Co. recently installed a 20-ton Fairbanks Truck Scale.

Clutier, Ia.—I have moved to Wesley, Ia.—F. J. Wellik, formerly local mgr., Nye & Jenks Grain Co.'s Elevator.

Klemme, Ia.—Repairs have been made on the North Iowa Grain Co.'s elevator at this place. The T. E. Ibberson Co. did the work.

Harris, Ia.—I am now holding the position of mgr., recently held by H. Umland, resigned.—Ed Ringler, mgr., Davenport Elvtr. Co.

Whiting, Ia.—The South Side Elvtr. Co. is putting in new knives on its scale and installing a new platform.—Art Torkelson.

Fernald, Ia.—The North Grain Co., at this place, is building a large warehouse to be used for storing feeds. The T. E. Ibberson Co. is doing the work.

Grinnell, Ia.—The new owners of the Wilson Coal & Grain Co., Messrs. Talbot and Olds, have torn down the old Wilson elevator, which was 60 years old.

Alta, Ia.—The Farmers Elvtr. & Supply Co. is installing a new dump, a 15-ton truck scale and building a new driveway. Thos. Scambler is mgr.—Art Torkelson.

Colo, Ia.—Burglars attempted to rifle the safe of the Farmers Grain Co. here during the night of May 19, but only succeeded in damaging the lock and breaking off one of the handles.

Story City, Ia.—The old elevator belonging to the Farmers Grain Co. has been wrecked and the work on the new elevator has been started. The T. E. Ibberson Co. is doing this work.

Rodman, Ia.—The T. E. Ibberson Co. has been awarded contract by the Quaker Oats Co. to build a 30,000-bu. iron-clad, 8-bin annex; this to be built alongside its present elevator.

Churdan, Ia.—M. E. Blazer just recently completed installing a dump, extending the driveway and building new approaches to his elevator.—Art Torkelson, with Lamson Bros. & Co.

Plymouth, Ia.—The Farmers Elvtr. Co.'s elevator is having an addition built to it, in which will be installed an 18-h.p. engine for the feed grinding department. Chehock & Rezab have the contract.

Beaver, Ia.—The T. E. Ibberson Co. has the contract for the erection of a 40,000-bu., 12-bin annex to be built for the Quaker Oats Co. This annex will be all iron-clad and be built alongside the present elevator.

Glenwood, Ia.—Frank H. Maxwell, of Pacific Junction, Ia., has bot the Gund-Sein Grain Co.'s elevators and coal business here, at Bal-four and at Hastings, all in Iowa, and will operate them.—Frank H. Maxwell.

Clarence, Ia.—The Farmers Supply Co., John Nie, mgr., has purchased the two elevators, feed and seed business here from the Wilder-Murrell Grain Co., of Cedar Rapids, and has taken possession, Mr. Nie continuing as mgr.

Owego (Salix p. o.), Ia.—The Owego Elvtr. Co. is making some improvements to its elevator, among which is the installation of a Kewanee All-Steel Truck Lift with grain grates. Mr. Moore, mgr., is supervising the work himself.

Edna, Ia.—The Quaker Oats Co.'s elevator here burned at 10:45 p. m., May 19, lightning being said to have been the cause. It was a total loss and contained about 800 bus. of grain. Elevator and contents were covered by insurance.—A. T.

Sharon, Kan.—Mail addressed to H. C. Oliver, who was agent here for the Larrabee Flour Mills Corp., is returned marked "Moved away."

Westfall, Kan.—The Farmers Grain & Supply Co. has purchased the lumber yard at this station and will operate it in connection with its elevator.

Hutchinson, Kan.—R. W. Shearer, formerly mgr. of the C. D. Jennings Grain Co.'s elevators at Tice, has been transferred to the company's terminal elevator here.

Atchison, Kan.—The Pillsbury Flour Mills Co. is erecting 26 reinforced concrete storage tanks having a total capacity of 150,000 bus., construction of which started on May 15.

Garden City, Kan.—The Kisner elevator here is doubling its capacity by the erection of new bins, increasing the height by 20 feet, and also by installing a new elevator leg.

Hutchinson, Kan.—A vote is to be taken by the membership of the Board of Trade on reducing commission charges from 1½¢ to 1¢ a bushel. It is not believed the reduction will be voted.

Haviland, Kan.—The Farmers Co-op. Elvtr. Co. has purchased a White Star Ball Bearing Boot, distributor, White Star Special Elevator Cups, grain spout, etc., all equipment furnished by the White Star Co.

Norton, Kan.—L. E. Wiegel has succeeded L. A. Patterson, resigned, as mgr. of the Goffe & Carkner grain commission firm office here. He was formerly in charge of B. C. Christopher & Co.'s office at Burlington, Colo.

Tice (Copeland p. o.), Kan.—Fred Simmons of Sublette has been appointed mgr. of the C. D. Jennings Grain Co.'s two elevators here, succeeding R. W. Shearer who has been transferred to the company's elevator at Hutchinson.

Beloit, Kan.—An office is scheduled to be opened here today, June 10, by the Scoular-Bishop Grain Co., with L. A. Patterson as mgr. Consignments and futures will be handled, and direct wire service will furnish quotations from all markets.

Grainfield, Kan.—The Farmers Co-op. Business Ass'n's new one-story brick office building when completed will be the last word in elevator offices. There will be a large storage room in the basement. The old office will be used for storage also. F. L. Kamp is mgr.—J. Quinn, with Ted Branson Co.

Dodge City, Kan.—W. R. Atherton, who has been connected with the grain trade for many years and for the past season with Goffe-Carkner at their Hutchinson office handling the buying from that office, became associated with B. C. Christopher & Co. on May 15 as the cash manager at the Dodge City office.

Friend, Kan.—George E. Gano of Hutchinson has bot the Romer Mercantile & Grain Co.'s elevator here and will also load and ship wheat from Tennis also, giving the company three shipping points in Finney County, including the new elevator now under construction at Garden City which is almost completed.

Concordia, Kan.—A grain sampler is to be located here and all grain coming to this point can hereafter be inspected at Clay Center. Heretofore grain from this point has been handled at other Kansas points. The new arrangement will insure added revenue for the Clay Center office of the Kansas State Grain Inspection Department, which is to remain at Clay Center, altho there has been talk of its being moved.

Topeka, Kan.—The Forbes Bros. Milling Co. of this city, whose corn milling plant burned last January, is having plans prepared by the General Mill Equipment Co. for the erection of a new mill on the site of the old one, to include a corn goods unit and a flour mill of 175 barrels capacity per day, also feed manufacturing equipment of about 10 cars per day. Grain storage of about 30,000 bus. capacity will also be added.

Goodland, Kan.—The 30,000-bu. elevator being erected here by the Goodland Equity Elvtr. Co. will be studded, iron clad, with fire-resistant roof and equipped with lightning rods. It will be 28x37.6 feet and 70 feet to the top of the cupola. It will be equipped with the latest grain handling devices, grain cleaning equipment and will be able to take care of the heaviest trucks. It will be operated by electricity. A warehouse will be erected also. The Federal Engineering Co. has the contract.

SALINA LETTER.

Salina, Kan.—The Shellabarger Mill & Elvtr. Co. at this point recently installed a hammer mill.

Paul Harbord, former manager of the Logan-Hart Bros. Grain Co.'s branch office here, has gone to Kansas City where he is now associated with the head office. W. M. Hart replaces him as manager of the local office. The change was effected June 1.

Ted Branson of the Ted Branson Co. has been appointed transportation mgr. of the United States Airways Co., a new line starting trips between Kansas City, Salina, Hoisington, Goodland and Denver, on June 10. The time for the trip will be 5 hours 45 minutes.

Warren Hart, brother of J. S. ("Sol") Hart of Logan Bros.-Hart Grain Co., took charge of this branch office June 3. Paul Harbord, who has been in charge the past three years, will return to Kansas City for the same firm. A farewell chicken barbecue luncheon was tendered Paul before he left.

WICHITA LETTER.

The Red Star Milling Co.'s new 1,000,000-bu. elevator will be ready for operation as soon as the installation of the machinery is completed.

J. H. Dixon, formerly operating as the Dixon Grain Co. at this point, has discontinued the business and joined the Moore Lowry Flour Mills of Kansas City.

Work remaining to be done on the new 2,300,000-bu. elevator of the Pillsbury Flour Mills Co. early in June was the interior finish work and installing the machinery.

The Red Star Milling Co. has moved its country elevator department from the mill to Room 413, Board of Trade, with Walter J. Coleman in charge. The company operates 26 elevators.—Bernard Niegaflin.

The Evans Grain Co. has moved its office to the space formerly occupied by the Dixon Grain Co. The Red Star Milling Co. occupies Mr. Evans' previous quarters and Mr. Dixon has retired from the business to join the Moore-Lowry Flour Mills Co.

A co-operative elevator corporation is said to be in process of formation, to be a subsidiary of the Kansas Co-op. Wheat Marketing Ass'n. the general offices of which are located here. The corporation, with \$500,000 capital stock, will own and operate local elevators to be acquired during this year. It is planned to own and operate terminal elevators later. No wheat will be bot from farmers not members of the pool and none will be taken on consignment from non-members.

KENTUCKY

Louisville, Ky.—The Ballard & Ballard Co., millers and elevator operators, has increased its capital stock to \$2,300,000.

MARYLAND

Baltimore, Md.—D. K. Kaltreider and George Y. King recently applied for membership in the Chamber of Commerce.

Baltimore, Md.—George E. Morrison of George E. Morrison & Co., grain and hay merchants, who has been away for his health for six months, is back at his desk now in normal shape.

MICHIGAN

Davidson, Mich.—Copper cable lightning rod protection has been installed on the elevator and warehouses owned by the Burroughs-Wolohan Co. at this station.

Chesaning, Mich.—The Chesaning Milling Co. has purchased a J. B. No. 3 Hammer Mill with built-in magnetic separator to remove tramp iron. Mill will be driven by water power.

Hopkins, Mich.—The Hopkins Elvtr. Co. is installing a rebuilt Sprout-Waldron 24-inch Direct Connected Motor Driven Attrition Mill driven by two 20-h.p. motors, replacing a belt driven mill.

Bellevue, Mich.—The Gothic Roller Mill was closed down temporarily on May 20 until Aug. 1 in order to lower the mill pond while a new bridge is under construction. During the close-down the machinery will be overhauled and some improvements made to the mill. A. G. Butler is the mgr.

Middleton, Mich.—The Farmers Elvtr. Co. has placed an order for a standard model Kewanee All-Steel Truck Lift, Double Outfit.

Ovid, Mich.—Thomas Hyslop, proprietor of the Ovid Roller Mills, has protected his flour mill and grain elevator with copper cable lightning rods. A ball bearing Western Sheller is also being installed.

Middleton, Mich. — The Middleton Farmers Elvtr. Co. is replacing its attrition mill with a Bauer Bros. Hammer Mill direct connected to a 50-h.p. motor. This mill is also equipped with a built-in magnetic separator to eliminate tramp iron.

Ruth, Mich.—The Bad Axe Grain Co. is installing an attrition mill in its elevator here. Mill will be belt driven by a 30-h.p. fully enclosed pipe ventilated electric motor and will be protected against tramp iron by a Dings Magnetic Spout.

Rosebush, Mich.—The Rosebush Elvtr. Co. has placed its order for a Bauer Bros. Hammer Mill direct connected to a 60-h.p. Fairbanks-Morse fully enclosed pipe ventilated ball bearing motor. Mill will be equipped with a built-in magnetic separator to remove tramp iron.

Caro, Mich.—Farmers Co-op. Elvtr. Co. has purchased a Bauer Bros. Hammer Mill, complete with built-in magnetic separator for removing tramp iron. Mill is driven by a 60-h.p. Fairbanks-Morse Fully Enclosed Pipe Ventilating Motor direct connected to the mill.

Portland, Mich.—The Portland Farmers Elvtr. Co., which was organized in 1913 as a co-operative company and sold out to the Portland Farm Bureau in 1921, now seeks the right to dissolve as a company. The directors state that all real estate and accounts have been turned into cash and that there are no outstanding obligations.

Ashley, Mich.—The Rockafellow Grain Co. has installed a 25-h.p. fully enclosed self-ventilated ball bearing motor to operate its feed mill, relieving the load on the Fairbanks-Morse Type Y Oil Engine which, because of its being overloaded, set fire to the plant about sixty days ago. Fire started in a concrete muffler pit adjacent to the elevator and fortunately was extinguished with only a damage of \$50.

Portland, Mich.—The Valley City Milling Co. has let a contract for equipping its mill, concrete tanks and detached warehouse with copper cable lightning rod protection. This plant has been equipped with sprinkler protection for the past two years but the management felt that there was a possibility of a lightning damage crippling the sprinkling system to such an extent that it would not be effective.

Pinconning, Mich.—The elevator at this station owned by J. E. Martindale and operated by Chatterton & Son was burned at about 4 o'clock on the afternoon of May 24. Fire was supposed to have been caused by hot bearings in one of the cupolas. Mr. Martindale is certainly playing to hard luck, having suffered the total loss by fire of five elevators during the past seven years, one at Posen, two at Twining, one at Kawkawlin and one at Pinconning. The Kawkawlin elevator has been rebuilt.

Coopersville, Mich.—A short time ago a fire occurred in the plant known as the Parish Mill (now operated as the Peoples Mill & Elvtr., Chas. R. Parish, mgr., and G. E. McCrumb, owner), due to the single phase operation of a 5-h.p. motor during the night because of a defective starting switch, in which contact was caused by the vibration of the building due to a freight train going by the plant. Fortunately the fire was discovered early and due to the fact that the walls and ceiling had been whitewashed the fire was extinguished with little damage to the plant. This defective switch has been replaced with an automatic switch providing both low voltage and overload time limit protection.

Bad Axe, Mich.—The Bad Axe Grain Co. is installing a No. 48 J. B. Hammer Mill connected by Tex-rope drive to a 50-h.p. fully enclosed self-ventilated ball bearing motor. This mill is protected against tramp iron by a Dings Magnetic Spout. The company has let a contract to W. J. Moore for providing copper cable lightning rod protection on the following elevators and warehouses: Bean elevator, grain elevator and general warehouse at Bad Axe, elevator and hay warehouses at Minden City and elevators at Applegate, Fillion, Harbor Beach, MacGregor, Torsonville, Port Austin, Ruth, Six Lakes, Ubley and the new elevator which is just being completed at Kinde to replace the one destroyed by fire last November.

Kent City, Mich.—The Kent City Farm Buro recently installed a dreadnaught 18-inch attrition mill connected to a 20-h.p. fully enclosed self-ventilated motor.

MINNESOTA

Cologne, Minn.—The Cologne Mill Co., operating an elevator, recently installed a motor driven Haines Feed Mixer.

Medford, Minn.—William Grimes, a former mgr. of the Medford Elvtr. Co.'s elevator, has resigned and taken a position with an oil concern.

Eldred, Minn.—Repairs are being made on the Farmers Elvtr. & Trading Co.'s elevator here and the T. E. Ibberson Co. is doing the work.

Alpha, Minn.—George Musser, son of County Commissioner Joe Musser, has rented the Farmers Co-op. Society's elevator here and taken possession.

Edgerton, Minn.—O. D. Smith of Reading is the new mgr. of the Farmers elevator here, succeeding Herman Woertink who has gone to Valley Springs, S. D., to a similar position.

Stanchfield, Minn.—Lightning struck the power line and entered the motor room of the mill of Peterson & Bismark on May 29 and fire which ensued slightly damaged the building.

Arco, Minn.—At the Farmers Elvtr. a feed shed is being erected in which an electric grinder will be installed, estimated cost to be about \$3,000. Jens Jorgensen has charge of the building.

Sanborn, Minn.—The Farmers Co-op. Elvtr. Co. has awarded contract to the T. E. Ibberson Co. for the installation of two new legs, a Richardson Automatic Scale, new boot tank and other repairs.

Royalton, Minn.—The new annex and large warehouse has been completed at this station for the Wm. Ahlbrecht Grain Co. This is iron clad and presents a very neat appearance. The T. E. Ibberson Co. had the contract.

Grand Rapids, Minn.—The Unity Mill Service Co. of Minneapolis will erect here a flour and feed mill, elevator and storage warehouse on the Great Northern Railroad and the work will start at once. The building will be 40x100 ft. and have a storage capacity of 10,000 bus. Grain and grain products will be bot and sold wholesale and retail. H. E. Hagen will be the local mgr.

Sebek, Minn.—The Victoria Elvtr. Co. of Minneapolis has recently bot the Frazee elevator here, the equipment of which includes a double attrition mill with two 20-h.p. motors and a huller. The Victoria company several weeks ago purchased the Broker Grain Co.'s elevator at this point, as mentioned in the Apr. 25 Journal, and these two plants are said to handle the entire grain and feed trade of the territory.

MINNEAPOLIS LETTER.

E. O. Dilling of Devils Lake, N. D., has become associated with the Cargill Commission Co. of this city, Duluth and Milwaukee. He has been connected with Van Dusen-Harrington for the past 22 years.

Minneapolis, Minn.—Thomas J. McElligot, formerly with the local office of the Ladish-Stoppenbach Co., has become associated with the Banner Grain Co. of this city, effective June 1.

Minneapolis, Minn.—The contract for the construction of the General Mills, Inc.'s 2,500,000-bu. elevator here, reported in the last issue of the Journal, has been awarded to the Edwin Ahlskog Co.

The Sheffield Elvtr. Co. has completed its cleaning house at Elevator K, said to be one of the finest cleaning houses in this market, details of which were given in the Apr. 25 Journal. Additional tanks are now under construction which will increase the capacity of the plant by 925,000 bus., making the total capacity 2,250,000 bus.

Minneapolis, Minn.—The Chamber of Commerce membership of Reynold Huseby, recently transferred from the local office of the Pillsbury Flour Mills Co. to the Omaha office as grain buyer, as mentioned in the last issue of the Journal, has been transferred to David Murphy of the local wheat department of the same company. Arthur Ladish of the Ladish-Stoppenbach Co., grain and feed, Milwaukee, recently bot a membership in the Chamber of Commerce.

McCarthy Bros. Co. has announced that Frank C. Metcalf is now associated with that company.

William Bettingen, at one time head of a grain commission firm in this city, died in Pasadena, Cal., on May 29 at the age of 61 years.

MISSOURI

Odessa, Mo.—The Farmers Elvtr. Co.'s elevator is being remodeled both inside and out.

Liberal, Mo.—The Lipscomb Grain & Seed Co. recently installed a new 10-ton truck scale.

Slater, Mo.—Windstorm slightly damaged the mill plant of the Slater Mill & Elvtr. Co. on May 15.

Palmyra, Mo.—The Farmers Elvtr. & Exchange Co. has installed a motor driven Haines Feed Mixer.

Springfield, Mo.—J. A. Helvig was recently appointed mgr. of the Missouri Farmers Ass'n's feed mill here.

Independence, Mo.—The Waggoner-Gates Milling Co.'s plant was slightly damaged by lightning on May 26.

KANSAS CITY LETTER.

C. P. Cauthorn, vice-pres. of the Hodgson-Cauthorn Grain Co. of this city, is said to be leaving the grain business to enter another line.

Wolcott & Lincoln, Inc., on June 1 opened branch offices at Salina, Kan., and at Oklahoma City and Enid, Okla., with private wire connections.

The offices of the Southwestern Milling Co. will be moved on July 1 to the Ozark Building from the present offices in the Board of Trade Building.

Milton W. McGreevy, the 26-year-old son of M. C. McGreevy, was recently admitted to partnership in Stranberg, McGreevy & Co., stock, grain and cotton brokerage firm of this city, succeeding A. J. Stranberg, who sold his interest.

R. J. ("Bud") Owens, who has been on the road for the past 21 years, until recently employed by the Updike Grain Co. of Kansas City and Omaha, has joined B. C. Christopher & Co., effective June 1, and will continue to cover the same territory that he has in the past.

C. P. ("Jumps") Cauthorn's Board of Trade membership has been posted for transfer to Sterling C. Masters of the Hodgson-Cauthorn Grain Co. J. H. Bailey is an applicant for membership on transfer from Harvey J. Owens. P. Harbord has recently been admitted to membership.

Clarence M. Hardenbergh, a former pres. of the Board of Trade and pres. of the Southwestern Milling Co. for 18 years, has resigned that position to accept an offer to become general mgr. of the Commander-Larabee Corp. of Minneapolis, effective July 1. Jens Juul, former sales manager for the Southwestern Milling Co., has succeeded Mr. Hardenbergh as pres. and general mgr. Mr. Hardenbergh's headquarters will be Minneapolis, which is his old home.

ST. JOSEPH LETTER.

Construction work on the new Trans-Mississippi Grain Co.'s plant is about completed, the storage being 2,250,000 bus., which the company is leasing from the Union Terminal Railway Co.

Announcement was made June 4 and work started on June 5 on the proposed increase of 1,000,000 bus. in the storage capacity of the Larabee Flour Mills Co.'s plant here, located in the Union Terminal district. This plant is now capable of producing a maximum of 7,000 barrels of hard wheat flour per day and has present storage capacity of 750,000 bus. The addition will increase the plant storage to 1,750,000 bus., contract for which has been awarded to the Lehr Construction Co. The John S. Metcalf Co. received the engineering contract. It is planned to complete the tanks within 100 days, or in time to permit its use in storing the 1929 crop. It has also been announced that Larabee Flour Mills Co. has closed the purchase of the 500,000-bu. Pendleton elevator at Elwood, across the river from St. Joseph. This house is of wooden construction, altho in good shape and is noted for quick handling. This plant has been operated by the Larabee concern for the past year or so under lease from R. J. Pendleton, now of Los Angeles. The total Larabee storage at St. Joseph, when the addition is made to the flour mill, will be 2,250,000 bus.

The Stratton Grain Co.'s office here was opened about June 1 with A. R. Taylor in charge, and the company expects to obtain possession of the 1,000,000-bu. elevator, now operated by the Trans-Mississippi Grain Co., by June 15.

We are indebted to N. K. Thomas, sec'y of the St. Joseph Grain Exchange, for the annual statistical report of that organization which is a neat appearing booklet of about 20 pages giving information of interest to grain men, especially members of the exchange, regarding the trade in that market.

Geo. F. Stewart, formerly manager of the St. Joseph Public Elvtr. Co., has accepted a position with the Uhlmann Grain Co. of Kansas City and will enter upon his duties there June 15. The St. Joseph Public Elvtr. Co. operated the plant of that name for several years but discontinued upon sale of the 250,000-bu. head house to the Union Terminal Railroad, which is adding 2,250,000 storage and leasing to the Trans-Mississippi Grain Co. Mr. Stewart has been a member of the St. Joseph Grain Exchange nearly fifteen years.

ST. LOUIS LETTER.

W. D. Cunningham has applied for membership in the Merchants Exchange on transfer from Elsor Heater.

A resolution has been passed by the board of directors of the Merchants Exchange that members shall charge 7% current rate of interest.

Fenner & Beane, having headquarters at New Orleans, will open an office here in the Landreth Bldg., with J. Russell White in charge.

The St. Louis Grain Club held its annual outing on May 28 at the St. Clair Country Club, Belleville, Ill. After an afternoon of golf, dinner was served at the club.

The Merchants Exchange has conferred an honor upon Christian Bernet, a member of the exchange since 1873 and its pres. at one time, given to very few, by electing him an honorary member of the exchange.

The first Merchants Exchange Building, at 6 North Main Street, one of the landmarks of the city, is being torn down. It was opened as the seat of the Merchants Exchange in 1857, the Exchange having been formed nine years before that time. It was the home of that organization until 1875, when the present building was occupied.

MONTANA

Denton, Mont.—M. L. Milbauer, former agent for the Montana Elvtr. Co. here, gave up that position recently.

Havre, Mont.—The annual convention of the Montana Farmers Grain Dealers Ass'n will be held at this city June 17-19.

Malta, Mont.—Minor repairs will be made on the Equity Co-op. Ass'n's elevator at this point. The T. E. Ibberson Co. will do the work.

Flaxville, Mont.—The Farmers Co-op. Grain Co. has done some extensive repairing, all the old machinery has been replaced with new, operated by electricity, at a cost of about \$5,000.

Hinsdale, Mont.—R. S. Drabbs, mgr. of the St. Anthony & Dakota Elvtr. Co., was recently caught between the truck and the coal bin when the brakes failed to work and was painfully injured.

Turner, Mont.—The new elevator for the Equity Co-op. Ass'n has just been completed and is now in operation. The T. E. Ibberson Co. had the contract. Details were given in the Feb. 25 Journal.

Winifred, Mont.—C. W. Truesdell has awarded contract to the T. E. Ibberson Co. for the erection of a 30,000-bu. elevator with 14 bins, concrete slab foundation, heavy composition roofs and walls sided with a good grade of lap-siding; all hopper bins, 15-h.p. Fairbanks-Morse Z Engine, 100-bu. hopper scale and a 22x8 10-ton dump scale; large size boot tank including one leg with 11x6 D. P. Buckets (house is built for a second leg later), a Strong-Scott Air Dump and a Carter Disc. The plant will have its own electric lighting system. Mr. Truesdell has been in the grain business in eastern Montana and in western North Dakota for over 20 years, managing both line and independent concerns, but this will be his own business venture as an independent elevator. The commission account will be handled by the Patton-Kjose Co. of Great Falls.

Roundup, Mont.—Christopher Braithwaite, mgr. of the Columbia Elvtr. Co.'s elevator, died on May 22 of heart trouble. He started in the grain business in 1915 as mgr. of the Farmers Elvtr. Co.'s elevator. His widow and seven children survive him.

NEBRASKA

Syracuse, Neb.—The Auer & Wilson Elvtr. Co. has installed a new truck dump.

Touhy, Neb.—Emil Ohnoutka has had his north elevator equipped with lightning protection.

Silver Creek, Neb.—E. F. Ruff is the new mgr. of the T. B. Hord Grain Co.'s elevator here, succeeding H. Woodruff.

North Bend, Neb.—Mail addressed to the North Bend Milling Co. at North Bend, Neb., is returned marked "Out of business."

Wilber, Neb.—The Farmers Elvtr. Co. plans the erection of an up-to-date brick office on the site of the former frame building which it is now dismantling.

Lincoln, Neb.—Why does the Midwest Grain Marketing Ass'n refuse to make public the conditions of the contract it is trying to induce the grain growers of the state to sign?

Murdock, Neb.—The Farmers Union Ass'n has purchased the Wright-Leet elevator, taking charge May 21. "Slats" Carson is mgr.—Chet Klierim, with Langenberg Bros. Grain Co.

Elmwood, Neb.—The Farmers Union Co-op. Ass'n has installed a Winter's Type W Truck Dump and also a Winter's All-Steel Sectional Grate. C. G. Anderson is mgr.—Chet Klierim.

North Platte, Neb.—The Scoular-Bishop Grain Co. now has an office in this city where quotations from all markets over direct wires are obtainable, consignments and futures being handled.

York, Neb.—E. L. Huriburt & Sons, grain dealers of this place, have sold their elevator here to F. J. Sullivan of Hamburg, Ia., and it is reported that they will go into business at Sterling, O.

Kinney, Neb.—Chaney Lewis' elevator here burned at 9:30 p. m., June 4; loss, \$9,000. The fire was caused by lightning. A small quantity of grain was in the elevator, which was the only one here. It will probably be rebuilt.

Tilden, Neb.—The Tilden Grain Co. has just completed some improvements, including lowering the drive to the elevator, also widening it, rebuilding the pits with concrete, widening the dump pit and changing the location of the power motor.

Nickerson, Neb.—E. C. Sexton has succeeded H. D. Black as mgr. of the local Nye & Jenks Grain Co.'s elevator and lumber yards, Mr. Black having resigned to take the position of district mgr. for the International Sugar Feed Co. at Fremont.

Nebraska City, Neb.—Rebuilding and re-equipping the Butler-Welsh Grain Co.'s elevator, reported in the May 5 Journal, is progressing nicely under the management of J. W. Berger, superintendent. Next year the company plans to increase the capacity of the elevator, now 320,000 bus., to 1,000,000 bus., by the addition of steel tanks.

Omaha, Neb.—Arguments began before the Supreme Court at Lincoln recently on the constitutionality of the statute passed in 1927 by the legislature, the object of which was to keep the Omaha Grain Exchange from enforcing its own weight and measure inspections. Following a decision against the exchange in the district court last fall the case was appealed.

Omaha, Neb.—A rehearing of the Government's suit against Nels Updike and 66 other former stockholders in the Updike Grain Co. was denied by the Circuit Court of Appeals on May 31. The suit was for \$373,911.54 the Government claimed as excess war profits and income taxes due from the company before it was dissolved. As it stands the decision is in favor of Updike Grain Co. and its stockholders.

Ponca, Neb.—The St. Anthony & Dakota Elvtr. Co. (whose headquarters are in Minneapolis, Minn.) has appealed to the Supreme Court from a decision given by a lower court for \$1,875 to be paid Len DeVore who got a cinder in his eye while working for the company in Ponca. The compensation commissioner had held that the company was not liable because DeVore was an independent contractor.

Sidney, Neb.—The Scoular-Bishop Grain Co. opened an office here on June 5 with Bob Scoular as mgr. Direct wire service is maintained and quotations from all markets will be given. Consignment and futures will be handled.

Lincoln, Neb.—When the grain growers insist upon being permitted to read the contract which the Midwest Grain Marketing Ass'n solicitors are trying to induce them to sign, no doubt will remain as to what the growers will do.

NEW YORK

Rochester, N. Y.—C. W. Pearson, proprietor of a grain brokerage business here for many years, died recently in Oakland, Cal., where he has made his home since he retired.

Buffalo, N. Y.—The Eastern Grain Elvtr. Corp. has taken over the 3,000,000-bu. Hecker elevator, completed last year, and will operate it with Charles H. Williamson continuing as superintendent.

New York, N. Y.—Douglas McIntyre of the Oceanic Grain Corp. has applied for membership on the Produce Exchange. Walter D. Tod of the Canadian Co-op. Wheat Producers, Ltd., and George Silver have applied for associate memberships.

New York, N. Y.—The annual report of the treasurer of the Produce Exchange, given at the annual meeting of the Exchange held on May 29, showed the receipts for the year to be \$757,467 and expenditures \$804,521. The increase in expenses was due to equipping the new securities market, which item came to \$160,000.

NORTH DAKOTA

Westhope, N. D.—The Farmers Elvtr. Co.'s new 50,000-bu. elevator here has been completed and is now in operation.

Oriska, N. D.—Carl F. Schoen's elevator burned on May 25, the fire being caused by sparks from a locomotive.

Brantford, N. D.—Repairs will be made on the Winter Truesdell Diercks Co.'s elevator at this place by the T. E. Ibberson Co.

Penn, N. D.—Repairs have been made on the Winter Truesdell Diercks elevator at this place. The T. E. Ibberson Co. had the contract.

Oriska, N. D.—The elevator of P. E. Knudson was slightly damaged on May 25 by exposure to the fire of the Carl F. Schoen elevator.

Calvin, N. D.—The Winter Truesdell Diercks Co. is having repairs made on its elevator at this place, the T. E. Ibberson Co. doing the work.

Balta, N. D.—The Winter Truesdell Diercks Co. will have repairs made on its elevator at this point. The T. E. Ibberson Co. is going to do the work.

Noonan, N. D.—The Farmers Elvtr. Co. at this point is having the T. E. Ibberson Co. install a 4-way Gerber Double Distributor and make other additions to its plant.

Fessenden, N. D.—The Farmers Grain Co. is installing a new leg, new ball-bearing equipment and making other changes here. The T. E. Ibberson Co. is doing the work.

Barton, N. D.—The Barton Independent Elvtr. Co. is building four new bins in its elevator here and doing considerable other repair work in general. The Hogenson Construction Co. is doing the work.—B. C. Simonson, mgr., Barton Independent Elvtr. Co.

Cleveland, N. D.—The Occident Elvtr. Co.'s elevator was slightly damaged on May 16 by exposure to the fire that destroyed the Farmers Co-op. Elvtr. Co.'s elevator (as reported in the last number of the Journal), which, in turn, was caused by sparks from a locomotive.

Sykeston, N. D.—The new elevator built here for the Andrews Grain Co. by the T. E. Ibberson Co. is about completed. It is iron-clad, has two legs and 18 bins. A Richardson Automatic Scale and one 10-ton Fairbanks Receiving Scale with a Strong-Scott Dump will be installed.

Cleveland, N. D.—The T. E. Ibberson Co. has the contract for the erection of a new 20,000-bu. elevator to be built on Williams Brothers farm. This elevator will have one leg, 12 bins, a standard 6-ton scale with Strong-Scott Dump. A 10-h.p. engine will be used for power. Work has already been started.

Calio, N. D.—The Minnekota Elvtr. Co., which recently lost its elevator here by fire, will rebuild at once. A new 18-bin 30,000-bu. 2-leg elevator using an Emerson Cleaner will be built and will be iron-clad and have motor power thruout. Ball-bearing equipment will be used. A 10-ton Fairbanks Scale with a Strong-Scott Dump will be installed. The T. E. Ibberson Co. has the contract.

Alkabo, N. D.—The Farmers Elvtr. Co. at this place, which recently lost its elevator by fire, has awarded contract to the T. E. Ibberson Co. for the erection of a 35,000-bu. 14-bin elevator having 2 legs, Carter Cleaner and a 1,500-bu. Richardson Automatic Scale. A Fairbanks 10-ton Scale and a Strong-Scott Dump will be installed. Gerber Double Distributors will be used and engines will furnish the power.

Wilton, N. D.—The Wilton Elvtr. Co. has awarded contract to the T. E. Ibberson Co. for the erection of a 35,000-bu. elevator to have 18 bins, 2 legs with a Gerber Double Distributor and be operated with Fairbanks-Morse Enclosed Type Motors. Same will have a Strong-Scott Dump on a 10-ton Fairbanks Scale. The building will be iron-clad thruout. An extra large office building having three rooms with a full basement will be built. A Richardson Automatic Scale will be used for shipping. The old elevator is being wrecked.

Cleveland, N. D.—The Farmers Co-op. Ass'n, whose elevator burned last month, has awarded the contract to the T. E. Ibberson Co. for the erection of a new elevator to have a capacity of 45,000 bus., and an extra large office, three rooms and a basement with a heating plant. There will be 20 bins and the building will be iron-clad. A fireproof vault will be built into the office. Power will be furnished by Fairbanks-Morse Enclosed Type Motors. A 10-ton Fairbanks Dump Scale will be used for receiving, and a 2,250-bu. Richardson Automatic Scale will be used for shipping. A Strong-Scott Air Dump will also be used. In addition a feed mill building and equipment will be installed. The mill furnished will be a 22-inch Diamond Attrition Mill; reinforced concrete slab foundations; Hinckley Head Drives will be used on the legs. A coal shed with 4 bins will also be built. Work will be started at once.

OHIO

Ottawa, O.—P. H. Maurer is now mgr. of the Ottawa Grain & Milling Co.'s plant.

Wharton, O.—The Cramer elevator has installed a belt driven Haines Feed Mixer.

Bloomdale, O.—L. R. Good contemplates installing some new machinery in his elevator here.

Canal Winchester, O.—S. B. Swope is installing a truck dump furnished by the Sidney Grain Machinery Co.

Oak Harbor, O.—Pearl Burkett is now mgr. of the Oak Harbor Co-op. Elvtr. Co.'s elevator, succeeding B. J. Burkett.

Weilersville, O.—The elevator at this point is doing business under the name of A. C. M. Fetter, formerly Fetter & Irvin.

Thurston, O.—The only elevator at this place is that of the Thurston Elvtr. Co., altho some one is doing some scooping here.

Scott, O.—The Scott Equity Exchange's warehouse was burned and the elevator and office were slightly damaged on May 29.

Fremont, O.—B. J. Burkett, former mgr. of the Oak Harbor Co-op. Elvtr. Co., is the new mgr. of the Farmers Co-op. Co. here.

North Baltimore, O.—Fred Kalmbach has purchased a hammer mill, feeder and other equipment furnished by the Sidney Grain Machinery Co.

Goodwin (Grover Hill p. o.), O.—John Wistner has bot the elevator here formerly operated by Wilbur V. Harmon but which has been closed for some time, and expects to have it ready to open in time for the new harvest.

Huron, O.—In the dispute between the Taplin brothers, Charles F. and Frank E., and the VanSweringen interests as to which shall control the Wheeling & Lake Erie Railroad, the Taplins are said to have made the following statement: "Grain elevators could and no doubt would be constructed at Huron, O., for the movement of export grain to Baltimore where ample capacity now exists and is not being used."

OKLAHOMA

London, O.—The London Mill Co., J. A. Long, mgr., is not operating its plant here at present.

Washington C. H., O.—The Fayette Producers Co. is trying to reorganize and has applied for incorporation papers, to do co-operative marketing.

Holmesville, O.—The Elliott Elvtr. Co. is installing new elevator equipment and an attrition mill. The Sidney Grain Machinery Co. has the contract.

Greenville, O.—George O'Brien & Sons are installing an overhead dump, a batch mixer and other equipment furnished by the Sidney Grain Machinery Co.

Ansonia, O.—The only grain dealer here is the Ansonia Grain Co., which bot the Peoples Grain Co.'s elevator here and now owns both.—Ansonia Grain Co.

North Lewisburg, O.—I am installing a new 15-ton truck scale, a 30-foot coal unloader and making other improvements to elevator and office here.—O. M. Clark.

Waynesville, O.—A scoop shoveler is said to be operating here occasionally. The Waynesville Farmers Exchange Co. has the only elevator at this point. C. E. Michener is mgr.

Pemberville, O.—We have just purchased an automatic coal conveyor, 30 feet long, furnished by the Sidney Grain Machinery Co.—The Pemberville Elvtr. Co., Fred Durksheide, mgr.

Yellow Springs, O.—The National Feed Mills Co., C. L. McGuinn, mgr., operates the only elevator here. A firm having an elevator at another point is said to be doing some scooping here.

Cedar Point (Sandusky p. o.), O.—Remember, the annual meeting of the Ohio Grain Dealers Ass'n is to be held here, one of the finest resort places on the Great Lakes, June 19 and 20.

Ohio City, O.—The Rockford Grain Co., True Felger, mgr., has the only elevator at this place since the Krugh Grain Co.'s elevator burned in January, 1928. A scoop shoveler has been operating here.

Belle Center, O.—A scoop shoveler operates here occasionally. The only elevators at this point are operated by the Belle Center Hay & Grain Co., Chester Kellar, mgr., and by the Healy Seed Co., P. R. Healy, mgr.

Convoy, O.—The firm of Long & Marshall, formerly operating here, has been dissolved and D. W. Long has continued the business at Dixon since the fire of Dec. 3 at Convoy destroyed the elevator, which was not rebuilt. E. C. Marshall retired from business.—D. W. Long, Dixon, O.

London, O.—The Van Wagener elevator is being transferred from the estate of the late John B. Van Wagener to Florence V. Shaw and R. K. Shaw, and will be owned and operated by them as soon as the affairs of the estate can be closed. We have been in charge of the business of this elevator since Mr. Van Wagener's death, Dec. 6, 1927.—R. K. Shaw.

Lima, O.—The Northwestern Ohio Farmers Grain Dealers Ass'n held its regular monthly meeting here in the Norval Hotel, June 3, dinner being served at 6 o'clock. While their husbands were busy with weighty business matters the ladies were entertained at one of the local theaters followed by dancing. William Kemmer is pres. of the ass'n and George Tawney is sec'y.

Chillicothe, O.—On June 1 the Ohio Farm Buro Corp. assumed the lease and management of the elevator at Chillicothe formerly operated as the Ross County Farmers Exchange. The stockholders of the Ross County Farmers Exchange voted unanimously to trade their stock share for share for preferred stock in the Ohio Farm Buro Corp. and to turn over their lease on the elevator to the Ohio Farm Buro Corp. The affairs of the Ross County Farmers Exchange were in good shape and after the business of the company is liquidated the stockholders will receive a substantial dividend in addition to their stock in the Ohio Farm Buro Corp. at par value. This elevator will be known as the Chillicothe Branch of the Ohio Farm Buro Corp., and all purchasing of supplies and merchandising of grain will be done from the offices of the Ohio Farm Buro Corp. at Columbus, O. This is the third elevator to be acquired by the corporation, the others being located at Eaton and at Bellville.—The Ohio Farm Buro Corp., M. R. Maney, grain dept., Columbus, O.

Kiowa, Okla.—Sherill & Vaughan's elevator burned on June 3.

Forgan, Okla.—New coal sheds have been built by the General Grain Co. here.

Enid, Okla.—The Enid Milling Co. has bot elevator repairs from the White Star Co.

Watonga, Okla.—The General Grain Co. has built new coal sheds at the local elevator.

Turpin, Okla.—A new air compressor is being installed by the Turpin Farmers Grain & Elvtr. Co.

Beaver, Okla.—An elevator is under construction here for the Oklahoma Wheat Growers Ass'n.

Ralston, Okla.—The Ponca City Milling Co.'s elevator was slightly damaged by windstorm on May 13.

May, Okla.—The General Grain Co. has put in new Fairbanks 10-ton Truck Scales with type registering beam.

Hennessy, Okla.—We plan to build 100,000 bus. of concrete storage elevator space this fall.—Star Mill & Elvtr. Co.

Lamont, Okla.—W. J. Tabor has bought the Nolan elevator and is remodeling it preparatory to this year's wheat harvest.

Bessie, Okla.—A 7½-h.p. motor has replaced the gas engine power in the General Grain Co.'s elevator.—Jno. O'Brien.

Knowles, Okla.—New coal sheds have been built and a 10-ton Fairbanks Truck Scale installed by the General Grain Co.

Breckinridge, Okla.—We will install a 10-ton Fairbanks Truck Scale.—John W. Marshall, Farmers Co-op. Grain & Supply Co.

Numa, Okla.—Fire, probably caused by a hot bearing on the line shaft, slightly damaged the plant of the Deer Creek Elvtr. Co. on May 6.

Dunlap, Okla.—The Oklahoma Wheat Growers Ass'n has bot the local elevator of the Bouquet Grain Co. and took possession June 1.

Cordell, Okla.—The General Grain Co. has installed new 10-ton Fairbanks Truck Scales at its elevators here, at Fairmont, Gate and Laverne.

Covington, Okla.—The cupola of the local General Grain Co.'s plant has been raised and improvements made to the grain handling equipment.

Stigler, Okla.—The recently organized Arkoma Grain Corp. of Fort Smith, Ark., will erect at once an elevator and corn sheller here to cost about \$3,000.

Miami, Okla.—The Stauffer-Cammack Grain Co. of Baxter Springs, Kan., has bot the Dixie elevator here formerly owned and operated by W. W. Brommelsick.

May, Okla.—We have installed a grain cleaner on the elevator leg and are now putting in a Fairbanks 10-ton Computing Truck Scale.—L. A. Dungan Grain Co.

Marshall, Okla.—A new 10-ton truck scale has been installed in our plant. We may install a car puller soon.—E. J. Clark, mgr., Farmers Co-op. Elvtr. Co.

Kingfisher, Okla.—We have overhauled our elevator and are installing a steel grate over our truck and wagon dump.—M. E. Pennington, Oklahoma Wheat Pool Elvtr. Co.

Floris (Forgan p. o.), Okla.—The Farmers Grain & Elvtr. Co. of Turpin has sold its local elevator to the Light Grain & Milling Co. Possession was given June 1. I remain as agt.—H. A. Laske. [This makes 15 elevators now owned by the Light company.]

Dover, Okla.—We are installing a new 10-in. 6-ply rubber belt in a new 50-ft. leg being built in our plant. It will be fitted with Superior D-P Buckets. J. H. Heder is soon to be associated with us as mill superintendent.—A. H. Evans, Dover Mill & Elvtr. Co.

Oklahoma City, Okla.—Grain dealers have appointed a com'te urging the governor to support a bill providing for the arbitration of commercial disputes, which is being re-introduced in the special session of the legislature, after being lost in the regular session.

Sharon, Okla.—A Winters Head Drive fitted with a 7½-h.p. Fairbanks-Morse Enclosed Ball Bearing Motor has been installed on the leg of our elevator and a 2-h.p. Fairbanks-Morse Motor has been hooked up with the air compressor.—P. L. McNeil, Zahn Grain Co.

Carnegie, Okla.—Thomas & McClure have just completed installing a grain cleaner operating thru the elevator leg and are quite enthusiastic about its performance.

Selman, Okla.—We have installed a 10-inch 4-ply rubber belt and several new Superior cups in the elevator leg.—Harley Dickinson, Farmers Co-op. Grain & Supply Ass'n.

Marshall, Okla.—If you wish to refer to any number of the Grain Dealers Journal published during the last 22 years, visit the office of J. C. Pearson. He has them all on file.

Enid, Okla.—An office is being established here by the Oklahoma Farmers Grain Dealers Ass'n where Roy E. Bender, the new sec'y, took charge the 1st of this month.

Banner, Okla.—We will install a hammer mill after the rush of the harvest season is over. It will likely be a direct-connected one.—L. J. Hayes, Banner Co-op. Elvtr. Ass'n.

Medford, Okla.—Rapid progress is being made on the new 15,000-bu. iron-clad studded elevator being built here for Mrs. Hacker to replace the one that burned some time ago.

Indianapolis, Okla.—We have just completed installing a Boss Air Blast Car Loader and a 20-h.p. Fairbanks-Morse Oil Engine.—J. L. Reimer, Farmers Union Co-op. Ass'n.

Fairmont, Okla.—The General Grain Co. has just completed installing a Fairbanks 10-ton Truck Scale with 16-ft. platform and a type-registering beam.—Henry Wyssmann, agt.

Cherokee, Okla.—Brakey & Mock, who have been conducting a grain, coal and feed business here, have bot the Bowersock Mill & Power Co.'s elevator here, taking possession on June 1.

Yukon, Okla.—We are installing our third 600-h.p. Fairbanks-Morse Diesel Engine, which will bring our total horsepower to 1,800 in this form of power.—John Kroutil, Yukon Mill & Grain Co.

Floris (Forgan p. o.), Okla.—The Farmers Equity Exchange of Forgan has sold its local elevator to the Oklahoma Wheat Growers Ass'n. Possession was given June 1. D. R. Ward is local agent.

Waukomis, Okla.—An 11-in. 5-ply rubber belt, 165 ft. long, fitted with 10x5-in. Superior Buckets set on 12-in. centers has been installed in the leg of our elevator here.—V. W. Lukenbaugh, agt., Goltry Grain Co.

Rosston, Okla.—The General Grain Co. is lowering the floor and increasing the storage capacity of its local elevator. A new 7½-h.p. Fairbanks-Morse Motor is also being installed.—R. L. Caldwell, agt.

Sharon, Okla.—The L. E. Bouquet Grain Co. has sold its 12,000-bu. elevator here to the Oklahoma Wheat Growers Ass'n. Possession was given June 1. I have been retained as mgr.—G. P. Johnston.

Bison, Okla.—We have just completed a 20x32-ft. iron-clad warehouse for flour and feed and have bonded the iron covering on our elevator for lightning protection.—C. N. Herrian, the Farmers Co-op. Ass'n.

Oklahoma City, Okla.—Wolcott & Lincoln, Inc., of Kansas City recently opened a wire office in the Cotton Exchange Building with R. W. Dorough as mgr. Direct wire service to Chicago will be maintained.

Douglas, Okla.—Roy E. Bender, mgr. of the Farmers Co-op. Ass'n here, has been selected as sec'y of the Oklahoma Farmers Grain Dealers Ass'n and is moving to Enid where he has established an office. V. R. Hughes will replace him as manager of the local elevator.

Beaver, Okla.—The local elevator of General Grain Co. has been overhauled, the cupola raised and faster elevating equipment installed. A Fairbanks 10-ton Type Registering Beam Truck Scale has been put in and new coal sheds and a feed warehouse built.—Jno. O'Brien.

Douglas, Okla.—We have just completed a 225-ton cribbed coal bin with concrete floor. In overhauling our elevator we increased the leg speed, put in 110 feet of 10-inch 6-ply rubber belt, 9x6-inch Superior Cups, and a new 5-bu. Richardson Automatic Scale.—Roy Bender, mgr., Farmers Co-op. Elvtr. Co.

Enid, Okla.—General Mills Inc.'s new 2,000,000-bu. elevator is nearing completion and is expected to be finished in time to handle the new crop. This elevator raises Enid's total elevator capacity to 7,000,000 bus., and is one of eight elevators located in this city, four of which have a capacity of 1,000,000 or more bus. each.

Carmen, Okla.—We have put in several new drive belts and 117 feet of 1½-inch rubber leg belt with new Salem Buckets. The feed business is growing and we expect to put up a warehouse this fall.—C. H. Cox.

Oklahoma City, Okla.—We are moving to our new brick office at the old Belt Mill & Elvtr. Co. plant, 2100 S. Robinson St. Later we plan to enlarge our plant and increase its capacity.—B. D. Eddie, Superior Feed Mills.

Byron, Okla.—The Alfalfa County Farmers Elvtr. Ass'n is building a 15,000-bu. studded and iron clad elevator fitted with SKF Ball Bearings. When completed this will be leased to the Oklahoma Wheat Growers Ass'n.

Fairmont, Okla.—A Kewanee All-Steel Truck Lift and a Fairbanks 10-ton Truck Scale with type-registering beam are being installed by the Farmers Co-op. Ass'n. The Godfrey Construction Co. is doing the work.—F. H. Seel, mgr.

Beaver, Okla.—S. S. Strong has installed a 10-ton Fairbanks Truck Scale, Strong-Scott Dump, 10-h.p. Fairbanks-Morse Motor, 8-bu. Richardson Scale, SKF Rigid Pillow Blocks and other material, all purchased from the White Star Co.

Lahoma, Okla.—The Oklahoma Wheat Pool Corp. has leased the local elevators of the Enid Milling Co., has put them in shape for the coming season, and is putting H. M. Vandergraff of Lovell in charge. A feed grinder may be installed this fall.

Selman, Okla.—We have just completed building a 16x32 foot iron-clad feed and flour warehouse and have installed a grain cleaner working on the leg. This fall we expect to put up coal bins and add coal to our sidelines.—Mat Roetker, Roetker Grain Co.

Lovell, Okla.—The local elevator of the Enid Milling Co., managed by H. M. Vandergraff, has been leased to the Oklahoma Wheat Pool Corp. Mr. Vandergraff is moving to Lahoma to take charge of the pool properties there and the local elevator will be in charge of his son, J. J. Vandergraff. Electric power may be installed here.

Okarche, Okla.—We have had our elevator overhauled. The bins have been deepened, the cupola remodeled, a 12-in. well-casing loading spout put up with 14-in. flexible end, and a 10-bu. Richardson Automatic Scale. The cups on the leg belts have been set closer together so as to increase the elevating capacity.—Farmers Co-op. Ass'n.

Forgan, Okla.—We are starting in the grain business here and will be ready for the early movement with permanent office and 10-ton Fairbanks Truck Scale furnished by the White Star Co., and a Boss Air Blast Loader. We hope to start construction of an elevator by August on ground already leased.—R. B. Harrington, Harrington Grain Co.

Vici, Okla.—W. H. Edwards, for 25 years a familiar elevator operator in the Southwest and at present mgr. of the Farmers Co-op. Ass'n here, is leaving the grain business for a year on account of his health. J. L. Kay, formerly associated with the Ruttman-Kay Grain Co. at Morland, is taking his place. The change was scheduled for June 10.

Ringwood, Okla.—The Enid Mill & Elvtr. Co.'s plant here burned at 1 o'clock p. m., on June 1; loss, \$8,000; covered by insurance. The fire started near the roof of the head house, and is believed to have been caused by a hot box. A quantity of flour and feed and about 2,000 bus. of grain were destroyed. No definite plans have been made as to rebuilding, but the plant will probably be rebuilt.

Rosston, Okla.—We have just completed a new 15,000-bu. studded iron-clad elevator. Our old elevator was antiquated and we tore it down. The new one is a fully up-to-date structure, with electric motors, ball and roller bearings, an air lift, steel grate, fast handling leg and other equipment which was purchased from the Fairbanks-Morse Co. and the White Star Co.—R. E. Bell, mgr., Farmers Elvtr. Co.

Vici, Okla.—L. E. Bouquot, who bot the interest of his partner, C. R. Ludwig, May 1, and now operates the Bouquot & Ludwig line of elevators under the name of the Bouquot Grain Co., has installed a 10-h. p. Fairbanks-Morse Enclosed Ball Bearing Motor in the cupola of the local plant and a 1-h. p. motor of the same make and style to run the air compressor. A Kewanee Steel Hopper and Grate will be installed in the elevator dump.—Clarence Eden, Agt.

Kingfisher, Okla.—The properties of the Bob White Flour Mills have been taken over by the Burrus interests of Texas to satisfy a mortgage, but will continue under the same name and the management of A. W. Bennett. A new 10-ton truck scale is being installed at one of the local elevators of the company. A Fairbanks Track Scale is awaiting installation. Contemplated improvements to begin right after harvest, include construction of 100,000 bus. concrete storage tanks, an office and a warehouse for flour and mill by-products.

PACIFIC NORTHWEST

Portland, Ore.—The date of the opening of the Portland Grain Exchange has been advanced from June 1 to June 19, at which time it will start trading in wheat futures.

Edwall, Wash.—W. H. Fisher, mgr. of the Edwall Lumber & Fuel Co., took his own life by shooting recently, due to despondency over ill-health. He was widely known over the Big Bend district as a grain buyer. He had lived in this town for 18 years.

Kimberly, Ida.—C. Munson and R. H. Smith, bean dealers operating under the name of Munson & Smith at this place and at Hansen, Ida., for the past four years, have dissolved partnership and Mr. Smith has taken over the business at Hansen and Mr. Munson that at Kimberly.

Portland, Ore.—The State Grain Inspection Department moved, on June 1, to its new quarters on the fifth floor of the Oregon Building, Fifth and Oak streets, which is only a block from the center of the grain trade and will greatly facilitate the work of the department.

Spokane, Wash.—The annual convention of the Pacific Northwest Grain Dealers Ass'n is to be held on June 14 and 15 in this city. There will be 10-minute discussions from the floor on subjects of interest and importance to members. The entertainment features will be in the hands of the Spokane Grain Dealers Ass'n.

Seattle, Wash.—J. A. Pease, formerly coast representative for Bunge Western Grain Corp., besides being pres. of the Pease Grain Co., representing the Canadian exporting firm of Jas. Richardson & Sons, Ltd., is also vice-pres. of the Miller Court Co., Inc., the American corporation of the firm of the same name in Canada, Vancouver, B. C., being the foreign headquarters, dealing in stocks, which concern has leased the large quarters formerly occupied by the National City Bank; on the second floor of the Marion Building, directly across the street from the new Exchange Building, now under construction. A large trading board for the posting of quotations of all of the principal listed stocks trading in the primary stock markets of this country and also in Vancouver and Toronto will be operated, and arrangements made to carry a complete service for carrying out orders for wheat on the Seattle Grain Exchange.

Craigmont, Ida.—The Howard Warehouse Co.'s grain warehouse burned on May 23. Loss estimated at \$35,000; part of the 30,000 bus. of grain stored in the warehouse may be salvaged.

Tacoma, Wash.—John Hugh Donald, identified with accounting in the grain department of Bal-four, Guthrie & Co., having been in the employ of that company for over 30 years, at the time of his retirement three years ago, died, on May 13, at the age of 77.

Spokane, Wash.—W. J. MacDonald, pres. of the MacDonald Warehouse & Grain Co., of this city, and Frank R. Hanlon, former mgr. of the Seattle Merchants Exchange, are in a serious condition as the result of an automobile accident which occurred on May 28. At last reports they were doing as well as could be expected.

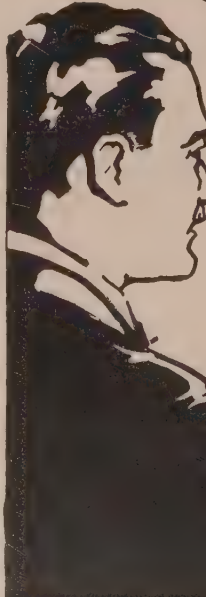
Coulee, Wash.—We bot the warehouse formerly operated by E. J. Guenther. It was built by Olwell. Our operating name is Fred Schwab Com. Co., of Washington. We intend to build an elevator at Coulee if crop comes along in good shape. The elevator of the Farmers Corp. burned down some time ago and there is now no elevator at Coulee.—Paul Patrick, mgr., Fred Schwab Com. Co.

Genesee, Ida.—The 70,000-bu. Mickelson grain elevator, also known as the C. E. Wood elevator, burned at 2 o'clock a. m., Sunday, May 5; loss, estimated at about \$50,000; presumably covered by insurance. The building was valued at \$25,000 and the grain in the elevator at the time of the fire was estimated at about \$25,000, the exact loss not known as all the records were destroyed. Two buildings used as hay sheds, east of the elevator, were saved by great effort, also two cars on a sidetrack. The elevator was erected by C. E. Wood a number of years ago, and was bot from him by Mark P. Miller. Last year it was sold on contract to the Mickelson Grain Co., headquarters at Lewiston. The destruction of this elevator marks the passing of one of the old landmarks of the Palouse country. It is the last of the three original elevators built in this section. The fire is believed to have started in the attrition mill, as the manager is quoted as saying that he had some trouble several days before by some tramp iron going thru, altho there are some fairly strong magnets in the mill. About 1,600 sacks of grain were salvaged.

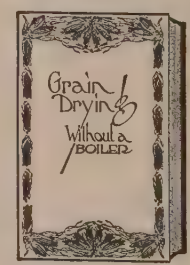
PENNSYLVANIA

York, Pa.—The mill owned by R. E. and F. E. Myers, known as the Manhattan Flour Mill, located on Manhattan Creek, near here, burned on May 20; loss \$20,000. It was built in 1813.

Philadelphia, Pa.—The Commercial Exchange has adopted the following bonded grain sampling rules, effective June 1: A charge of 75 cents per 1,000 bus. for sampling bonded grain shipped will be superseded by a charge of 50 cents per 1,000 bus.; for sampling, examining and issuing examination certificates on shipments of bonded grain, 40 cents per 1,000 bus.



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Rossmoyne, Pa.—H. C. Zacharias, whose elevator and feed mill at Brantsville, near here, burned last winter, at an estimated loss of \$100,000, is planning the erection of a similar plant here, work to start immediately. There will be a warehouse, 180x36 feet, one story high, and a mill, 36x40 feet, four stories high.

SOUTH DAKOTA

Huron, S. D.—The Reese elevator and feed mill burned on May 31; loss, \$30,000 on property, besides 5,000 bus. of grain.

Gettysburg, S. D.—Ernie Cloutier, of Doland, S. D., has been mgr. of the Eagle Roller Mill Co.'s elevator since June 1.

Lake Preston, S. D.—Geo. P. Sexauer & Son are making repairs on their elevator here, the T. E. Ibberson Co. doing the work.

Madison, S. D.—The Ketcham Grain & Fuel Co. has leased the site of the old Jones elevator, which is being wrecked, and will erect thereon a coal shed.

Agar, S. D.—Repairs will be made on the old elevator at this place which belongs to Geo. P. Sexauer & Son. The T. E. Ibberson Co. will do the work.

Hecla, S. D.—The Estee Elvtr. Co. has awarded contract to the T. E. Ibberson Co. for the installation of a new 10-ton scale and a Strong-Scott Dump.

Crandall, S. D.—Edmond A. Phelps, mgr. of the pool elevator here, died, on May 28, as a result of injuries received in an automobile accident a week before.

Belvidere, S. D.—A new Richardson Automatic Scale will be installed in the elevator here for the Tri-State Milling Co. The T. E. Ibberson Co. will do the work.

Ree Heights, S. D.—A new 10-ton 16x8 wagon scale with all steel construction will be installed in the Atlas Elvtr. Co.'s elevator here, the T. E. Ibberson Co. doing the work.

Miller, S. D.—A new 10-ton 16x8 wagon scale with all steel construction will be installed in the Atlas Elvtr. Co.'s elevator here. The T. E. Ibberson Co. will do this work.

Redfield, S. D.—Lee Gilby, of Tulare, has been appointed new mgr. of the local Atlas elevator. F. W. Bastian had been acting as mgr. temporarily since the death of Mr. Hoskins.

Cottonwood, S. D.—Geo. P. Sexauer & Son have awarded contract to the T. E. Ibberson Co. for the erection of a new 15,000-bu. elevator to be built alongside of their present elevator.

Claremont, S. D.—The Brown County Farmers Elvtr. Co. here is installing a new Gerber Double Distributor and making other repairs on its elevator. The T. E. Ibberson Co. is doing the work.

Foley, S. D.—About \$11,800 has been awarded the Salyards Grain Co., of Minneapolis, in a suit to recover from guarantors of a contract with the Foley Grain Co., of this city, now in receivership.

Chester, S. D.—R. J. Wilson, of Naples, is taking down the oldest elevator in Madison, S. D., which he bot some time ago and which had not been operated since 1912, and moving the lumber and machinery to Chester, where he will have it erected and put into operation again.

Wall, S. D.—The Tri-State Milling Co., of Belle Fourche, S. D., has awarded contract to the T. E. Ibberson Co. for a 25,000-bu., 12-bin elevator, to be built alongside of its present elevator here, and to be operated by a 10-h. p. Fairbanks-Morse Engine and have one leg with a 10-ton receiving scale and a Strong-Scott Dump.

Gorman, S. D.—Geo. P. Sexauer & Son have awarded the contract to the T. E. Ibberson Co. for the erection of a new elevator, to have 30,000-bu. capacity, 18-bins, one leg, power furnished by a 10-h. p. engine. The building will be iron-clad. Large coal sheds will be built along with a large storeroom for flour and feed. Work will be started at once.

TEXAS

Kress, Tex.—The Farmers Elvtr. Co. recently purchased cups, belt and bolts from the White Star Co.

San Antonio, Tex.—C. H. Guenther & Son are investing \$40,000 in improvements to their flour mill here.—P. J. P.

Lubbock, Tex.—S. H. Weaver, of the Weaver Bros. Grain & Seed Co., is spending a two months' vacation in California.

Adrian, Tex.—The Adrian Elvtr. Co., inc.; capital stock, \$6,000; incorporators: Byron Gist, C. M. Henderson, H. L. Kearns.

Dallas, Tex.—The Uhlmann Grain Co. recently opened an office in this city, having private wires to the company's offices at Kansas City and Chicago.

Texas City, Tex.—The Texas City Terminal Railway Co.'s new elevator, described in detail in the May 10 Journal, will be ready for operation June 20.

Sherman, Tex.—Mail is no longer deliverable to the Isbell Grain & Commission Co. here.—P. M. (This company was reported as having incorporated in February.)

Edmonson, Tex.—C. H. Addington will be the new mgr. of the Farmers Elvtr. Co.'s elevator now under construction here. Last year he was mgr. of the elevator at Muleshoe, Tex.

Adams, Tex.—The Light Mill & Grain Co., of Liberal, Kan., is erecting an elevator at this point, which is a new town on the extension of the Rock Island Railroad from Liberal to Texas.

Waco, Tex.—The report that Ben E. Clement intended to re-engage in the grain business is wrong. He recently wrote, "I have no intention of ever engaging in the grain or any other business."

Dallas, Tex.—The J. C. Crouch Grain Co. has moved its offices from the American Exchange Bank Building to the new office building just completed at the Perry Burrus Elvtrs., located at 2701 Alamo street.

Anton, Tex.—S. E. Cone, of the S. E. Cone Grain & Seed Co., of Lubbock, Tex., is building an elevator here, having a capacity of 10,000 bus. Electric power will be used. The White Star Co. has the contract.

Huntoon (Booker p. o.), Tex.—The Kimmel-Brown Grain Co. has purchased the C. B. Cozart, Inc., elevator, new truck scales and loading facilities at Huntoon, Tex., and will build new storage capacity.—Kimmel-Brown Grain Co.

Byers, Tex.—A strong wind accompanied by a severe storm visited northwestern Texas on May 17, causing damage in this town alone that will mount into thousands of dollars. Among the heavy losers here was the Byers Mill & Elvtr. Co.'s plant.

Hart, Tex.—The contract for the 50,000-bu. elevator being erected here for the Farmers Grain Co. of Tulsa, has been let to the Southwestern Engineering Co. It is to be of frame construction, sheet iron clad, wood floors, sheet iron roof. A feed mill is to be installed.—P. J. P.

Dallas, Tex.—Fred Honea, general mgr. of the Morten Milling Co. for a number of years, has resigned and W. Lee O'Daniel has been named as his successor. Mr. O'Daniel will retain his position as mgr. of the Bob White Flour Mills at Kingfisher, Okla., and the Burrus Mill & Elvtr. Co. at Ft. Worth, Tex., all of which plants are controlled by J. Perry Burrus.

UTAH

Salt Lake City, Utah.—Stock of the Montana Flour Mills Co. stored in the warehouse of the Smith Brokerage Co. was damaged by fire on May 12.

WISCONSIN

Lancaster, Wis.—The Farmers Union is putting up a 30x34-foot addition to its present plant, also an elevator.

Milwaukee, Wis.—The finance commission of the Chamber of Commerce has determined the rate of interest for the month of June at 6½%.

Chippewa Falls, Wis.—Robert Clark, of the Clark Grain & Feed Co., in business here for 35 years, died, on May 14, after a three weeks' illness.

Fennimore, Wis.—The Farmers Union is erecting an elevator and an addition to its warehouse, to be used for storing grain. The building will be 30x34 feet. William Lowry is the mgr.

Superior, Wis.—In regard to an elevator reported as going to be built by us at Superior, at this writing there is nothing definite that has been decided upon.—Archer-Daniels-Midland Co., by Ralph Bruce, Minneapolis, Minn.

Bloomer, Wis.—E. J. Crane, of Chippewa Falls, produce, flour and feed dealer with branches in several towns near Chippewa Falls, has bot a part of the plant of the Bloomer Co-op. Union, including the elevator, and will engage in business here. He buys grain of all kinds.

Milwaukee, Wis.—John H. Pank, until his recent resignation general mgr. of the Dominion Malt Co., of Winnipeg, Man., is now associated with the Milwaukee Western Malt Co. At one time Mr. Pank was connected with the Stuhr-Seidl Co., feed manufacturers, of Minneapolis.

WYOMING

Glendo, Wyo.—The Glendo Grain & Produce Co.'s elevator burned recently. The fire is believed to have started in the engine room following a dust explosion. A car of wheat and quantities of flour and feed were destroyed also.

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E. M. Rogers Co.

Strictly Brokerage and Consignments

Smith-Ingraham Grain Co.

Domestic, Export Grains, Consignments

Southwest Grain & Comm. Co.

Strictly Brokerage and Consignments

Tillery Grain Commission Co.

Wheat Consignments Our Specialty

Transit Grain & Commiss'n Co.

Consignments, Brokerage

Uhlmann Grain Co.

Domestic, Export, Futures, Consignments

Patents Granted

1,714,208. Grain Classifying Device. Mariano A. Boix, Mayaguez, P. R. In a grain classifying device a casing having a compartment therein and a screen in the compartment having a plurality of separated areas thereon with perforations being of a predetermined small size, and intermediate areas of perforations of a predetermined larger size, and guard plates spaced over the perforated areas with the perforations of larger size.

1,713,568. Force Feed Seed Treating Machine. Gus L. Swenson, Colville, Wash. The material is moved from inlet to outlet by a conveyor in a trough provided on its upper edges with outwardly diverging sides extended the full distance between the heads of the drum, means for rotating the drum, inwardly extended elevator strips disposed against the shell and extending the full distance between the heads, and means for operating the conveyor.

1,712,299. Grain Cleaning Machine. Auguste Frerotte, Brussels, Belgium, assignor to Henry Simon, Ltd., Manchester, Eng. A mill for scouring grain, including a cylinder, a helical member mounted axially in said cylinder for rotation therein, said member having a peripheral flange providing an internal scouring surface substantially facing and inclined to the axis of the cylinder and adapted to exert a lifting effect upon the grain incident to rotary movement of the helical member.

1,713,575. Bag-Filling Machine. Rogers M. Warwick, Eastlake, Fla. A bag filling machine comprising weighing mechanism, means for supplying to the weighing mechanism a predetermined volume of material of less weight than a desired total, and means controlled by the weighing mechanism for supplying to the weighing mechanism the remainder of the total weight desired, and means for conditioning the last mentioned means to deliver its total capacity or any fraction thereof.

1,715,256. Grain Ventilator. John Stroble, Seward, Kan., Ella Stroble administratrix. The ventilator and drier provides an elongated member having a bore providing an internal air passage extending longitudinally thereof from its upper end to a point adjacent to but above its lower end and having a plurality of lateral air passages extending thru the member from its internal bore to its external surface, the material of said member forming the sides of the longitudinal bore and lateral passages being of a moisture absorbing nature, and a protec-

tive foraminous casing enclosing the elongated member.

1,711,574. Conditioning Grain. Edgar S. Miller, Kansas City, Kan., assignor to Carrier Engineering Corporation, Newark, N. J. In an apparatus for conditioning grain, the combination of means for causing the passage of air thru the grain and causing an intimate contact between the air and the grain, means for regulating the rate of flow of the air thru and the period of contact of the air with the grain whereby the temperature of the grain will approach the wet bulb temperature of the air, and means for conditioning the air before contact with the grain so as to obtain a desired temperature of the grain.

1,713,327. Hammer Mill. Geo. W. Borton, New Lisbon, N. J., assignor to Pennsylvania Crusher Co., New York, N. Y. A hammer mill comprising a housing, a rotor in a housing including a plurality of hammers, means for feeding material into the housing so as to be brought into engagement with the hammers, and a structure providing a crushing surface against which the material is impelled by the hammers, the structure including a transverse shaft and a plurality of bars pivotally mounted on the shaft intermediate their ends and oscillatable under impact of the material, and means for limiting the oscillatory movement of the bars in both directions.

1,712,808. Electromagnetic Separator. Julius Bing, Eisenach, Germany, assignor to Magnet-Werk G. m.b.H. Eisenach Spezialfabrik für Elektromagnet-Apparate, Eisenach, Germany. Electro-magnetic separator comprising: a main magnet system; a drum enclosing the magnet system and rotatable relatively to it; the magnet poles of the system lying substantially in a cylindrical surface coaxial to the drum and having edges lying obliquely to the generatrix of the cylindrical surface; the drum comprising substantially helically arranged strips consisting alternately of magnetizable and non-magnetizable material; an auxiliary magnet system having poles lying in a cylindrical surface coaxial and adjacent to the drum; and means to produce within the auxiliary system a magnetic field of a polarity contrary to that of the main system.

1,712,334. Car Mover. Felix Arthur Durbin and Cecil McGee, Louisville, Ky. The mover comprises a casing, a tubular stem connected with the casing, a pair of shafts journaled in the casing and projecting therefrom, a toothed wheel on the outer end of each shaft, the wheels meshing with each other and one of which is adapted to engage a car wheel and the other the rail of a track, a stub shaft journaled in the casing, a worm gear thereon, gears connecting the stub shaft with one of the before mentioned shafts, a shaft passing thru the stem, a worm at the inner end of the shaft meshing with the worm gear, a bevel gear on the outer

end of the worm shaft, arms connected with the upper end of the stem, a breast plate carried by the arms, a shaft journaled in the arms and having a crank at each end thereof and a bevel gear on the shaft meshing with the bevel mentioned bevel gear.

Bean Dealers Elect Officers.

The Rocky Mountain Bean Dealers Ass'n held its annual convention June 1 at Colorado Springs, Colo., and elected pres., G. H. Riley, Idaho Bean & Elevator Co., Denver; vice pres., M. C. Dolan, bean department Rocky Mountain Grain Co.; sec'y, H. G. Mundhenk, sec'y Denver Grain Exchange, and treas., J. W. Conley of the Conley-Ross Grain Co.

The Combine Brings New Problems.

"The combine is revolutionizing wheat farming. It is reducing labor, cutting down on harvesting costs and saving grain," says H. M. Bainer, Director, Southwestern Wheat Improvement Assn. "But along with these economic benefits the combine is not only compelling the wheat farmer to make radical changes in his harvesting methods but in his storing and marketing methods as well.

The combine method of today is making as much grain available in two weeks as was formerly available in six to eight weeks. This condition has made it impossible for any marketing system to handle the entire crop during the time it is being harvested. The only solution is more farm storage.

Before the days of the combine, when all wheat was cut with a binder or header and was shocked or stacked, the grain had time to cure before being threshed. Unless the swather and pick-up are used in connection with the combine, this process of curing is eliminated and any excess moisture in the wheat at the time it is harvested goes with it to the bin or the market.

GRAIN DRIERS

for

COARSE GRAINS,
SEED CORN,
BEANS,
PEAS, ETC.

ROTARY DRIERS

for

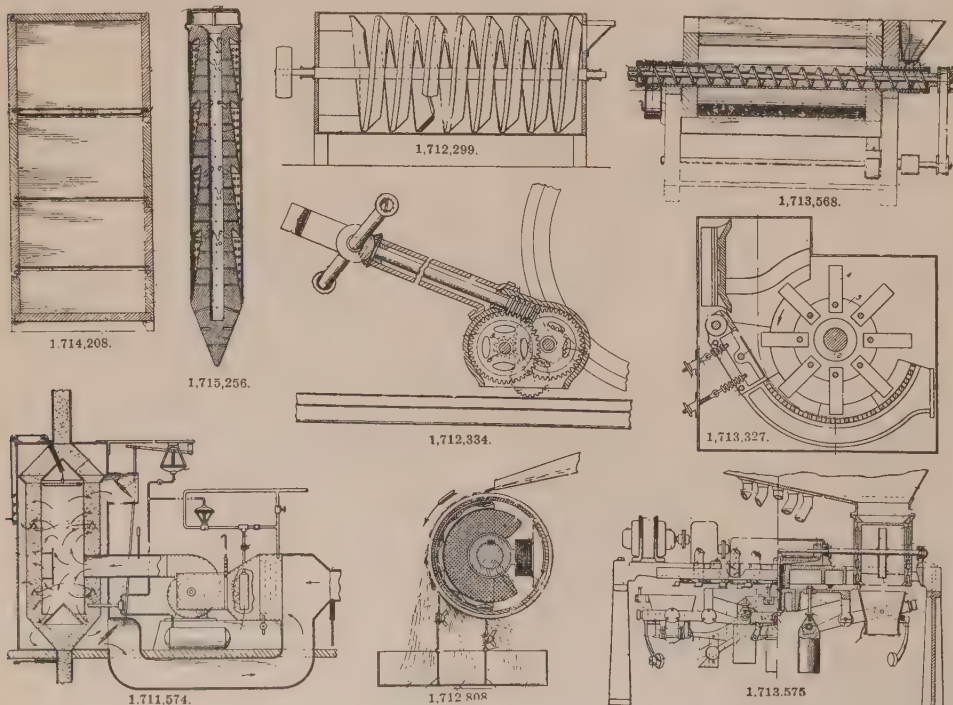
MEAL, GRITS, STERILIZING PACKAGE GOODS, ETC., AND GRANULAR PRODUCTS OF ALL KINDS.

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correspond with you.

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210 N. 13th St., Philadelphia, Pa.



Grain Carriers

FREIGHT cars in need of repair on May 1 numbered 142,543, or an increase of 369 over the number counted on April 1.

BUFFALO, N. Y.—The S. S. Anna C. Minch went aground at the entrance to the harbor here while loaded with 236,000 bushels of wheat. Damage was not great.

WASHINGTON, D. C.—The Chicago, Rock Island & Pacific Railroad has asked the Interstate Commerce Commission for permission to acquire, thru purchase of stock, the Beaver, Meade & Englewood Railroad in Oklahoma.

OMAHA, NEB.—The large carry-over of last year's crop complicates the railroad's problem in preparing for harvest in Nebraska and Wyoming. W. L. Harvey, of the Western Shippers Advisory Board, has called the board to meet June 19 at Kearney to discuss the wheat movement.

BUFFALO, N. Y.—Salvage operations will save about \$300,000 of the nearly million dollar cargo of wheat and flour carried by the S. S. Ralph Budd which went ashore at Keewatin Point on the south shore of Lake Superior. The Budd is owned by the Great Lakes Transit Co.

WASHINGTON, D. C.—The U. S. Shipping Board has refused the plea for lower ocean rates on grain. The rate to the United Kingdom and Continental ports is 15 cents per hundred and if grain were carried in full cargoes it would result in a loss of \$15,000 a voyage, members stated.

NEW YORK, N. Y.—Permission for a reduction of 3.33c per 100 pounds in the export rates on flour from the Buffalo, N. Y., district has been asked of the I. C. C. by eastern trunk lines. The reduction would apply only to minimum carload weights of 80,000 pounds on flour from ex-lake wheat.

LOADINGS of grain and grain products for the week ended May 18 were 37,525, a decrease of 839 cars compared with the same week a year ago and 883 cars below the same week in 1927. Loadings for the week ending May 25 were 39,320, an increase of 404 cars over the corresponding week of 1928.

OMAHA, NEB.—An effort to compel railroads to absorb the entire switching charge of the South Omaha Terminal Railroad Co. will be made before the Interstate Commerce Commission. The Farmers Union Livestock Co. has filed the complaint demanding privileges accorded yards at Sioux City, St. Joseph and Kansas City. The roads now absorb \$1.13 out of a \$1.82 per car charge.

EVANSVILLE, IND.—Judge Edwin C. Henning, of the superior court here, has decided the switching charge case in favor of the Indiana Public Service Commission and against the Chicago & Eastern Illinois Ry. Co. The railroad company asked for an increase in switching charges here of from \$2.70 to \$5.30 a car and the commission refused this and the railroad company took an appeal to the court and lost. Every shipper of grain in this city would have been affected by the proposed increase.—C.

D. J. SCHUH, executive sec'y of the Cincinnati Board of Trade, wired a protest to the Interstate Commerce Commission protesting against sixth section application of 511 and special permission No. 93250, supplement 2 on export wheat, alleging this is a discrimination against the producer since wheat available for export can not always be distinguished at time of original movement. Export rates should be made available whenever outlet presents itself. Under the special permission producers in Ohio and Indiana would be deprived of the transit privilege.

BUFFALO, N. Y.—Two hundred thousand bushels of wheat, the cargo of the barge "Mildred Thurston" which sank in the state barge canal at Orangeport May 26, are being loaded upon barges to be brought back here. Joseph Constantino, boatman of Rochester, was drowned when he fell from another barge during the raising of the damaged ship. Collision with the canal bank caused the disaster. The accident has not interfered with navigation.

WASHINGTON, D. C.—Kansas City shippers see hopes of regaining former market advantages in transshipping to Gulf ports in the reopening of the complaint of the Wichita Board of Trade against the former practice. Formerly rates from southern Kansas points having a rate less than Kansas City's rate to the gulf could be used to ship wheat from Kansas City to the gulf. The commission had abolished the transshipping privileges except from points north.

THE TEXAS-LOUISIANA Tariff Bureau has approved under its docket No. 59481-2-TX a proposal to extend the time for transit and milling purposes to a basis equal to that allowed on interstate movements. A proposal to abolish the application of tonnage on less than a minimum car has also been approved by the bureau. With this rule the shipper would have to pay a flat rate on any deficiency in a car. Tonnage rates for less than carloads do not hurt the railroads, they have less liability, and to a shipper willing to apply the tonnage rate to accommodate a purchaser wanting less than a carload the new rule is unreasonable.

FOUR RAIL extensions in the Peace River country totaling more than 500 miles have been authorized. Work on the lines must be started within two years and completed in five. Three of the lines will open up the country north and south of the Peace River and will extend westerly to and into the province of British Columbia. These extensions are from Spirit River westerly 102 miles; from Wembley northwesterly 86 miles and from Whitelaw northerly and westerly on the north side of Peace River to the British Columbia boundary, about 80 miles. The fourth line is planned to branch from the Central Canada Railway at Grimshaw, close to the town of Peace River, run north to Hay River and from there parallel that stream to the north boundary of the province. The distance is about 260 miles.

I. C. C. Activities.

In I. & S. 3233 the Commission has canceled the proposed rates on grain and products and hay from points in S. W. Missouri and S. E. Kansas east and south.

In I. & S. 3301 the Commission has suspended until Jan. 1 schedules of the Big Four charging a higher rate on Northwestern grain products shipped from Illinois junctions to C. F. A. territory.

In No. 18551 reparation was awarded the Armour Grain Co. for demurrage charges on oats at Milwaukee unlawfully accruing because the Great Northern had refused to permit re-consignment in accord with tariffs.

The Oklahoma Millers' Association has opened action to recover from carriers on rates alleged to be excessive on grain and feed shipped from Oklahoma points into Louisiana from August, 1924, to December, 1927. Hearings were opened at Oklahoma City.

Proposed increases on thru rates on grain and grain products from Oklahoma and Kansas to destinations in the southwest, when milled or stored in transit, have been found by the Interstate Commerce Commission to be unjustified. Millers in southern Kansas and northern Oklahoma made the principal protest against the increase.

The Hutchinson Board of Trade has asked the Interstate Commerce Commission to suspend the proposed waiving of out-of-line haul charges on grain products originating west of Newton on the Santa Fe. The Board is "opposed to excessive free out-of-line hauling of grain destined for Missouri river points." It wishes rates to get grain to "Interior mills of Kansas."

Hoch-Smith Hearings.

Additional appeals for reduced freight rates on grain and grain products, interspersed with charges of discrimination against certain territories, are being heard by the Interstate Commerce Commission under provisions of the Hoch-Smith resolution.

South Dakota has entered a charge that present rates favor grain producers of Iowa, North Dakota and Minnesota over those of South Dakota. North Dakota, Minnesota and Montana backed their plea for lower rates on a claim that railroad operating charges in those states are less than in others.

Representatives of lake territory protested against any removal by the commission of waterway advantages.

C. T. Vandover, appearing for southern Minnesota mills, urged the commission to maintain the present relationship in rates.

William P. Ellis, counsel for the Oregon Public Service Commission, declared that a cut of 35 to 50% in rates is essential for relief of grain growers and that such a reduction would not be an injustice to railroads.

The Chicago Board of Trade and the Milwaukee Chamber of Commerce asked lower rates for their respective claimed territories through H. J. Campbell who also asked a readjustment of export rates to narrow the present differential in favor of gulf ports. The Chicago organization will be heard again, the middle of June, in a protest against a report of I. C. C. examiners which recommends cancellation of "lake specifics" from Illinois points to Chicago. Lake shipping advantages are at stake. Lake specifics apply to grain shipments into Chicago which subsequently move out of this city by lake and are lower by from one-half to 6c. per 100 lbs. than local rates from Illinois cities to Chicago.

Representatives of Kansas City, Omaha and Sheridan, Wyo. also have appeared.

That lower rates would benefit with producer and roads alike in Nevada is the contention of John F. Shaughnessy, of the Nevada Public Service Commission. His plan is that lower grain rates will increase purchasing power and thus bring about more revenue on imports into the state.

A mileage scale proposal at a rate no higher than the present scale in territory east of the Rocky Mountains was offered by H. W. Prickett, representing the Ogden, Utah, Grain Exchange. Mr. Prickett presented statistics in an effort to prove Pacific mountain territory was entitled to a rate no higher than other sections.

Appearing for the Oklahoma Corporation Commission, Paul Walker declared that Oklahoma is discriminated against by the lower freight rates in Kansas and Texas. He added that Kansas rates also are too high and that a general readjustment to lower rates is needed in the central west.

Claiming that grain rates from North Dakota to primary markets proposed by an I. C. C. examiner would mean an increase of 54%, T. A. Durrant of Grand Forks asked the commission to decrease the rates 5c per hundred pounds.

Blazing in red ink, a new postage stamp marks the fiftieth anniversary of Edison's incandescent lamp. The stamp carries a picture of the first lamp. The first stamps were available June 5.

AN ATTEMPT to increase the minimum weight on sacked grain in southwestern line tariff No. 23-z has been protested before the Interstate Commerce Commission. In an astute tariff the carriers proposed to collect charges on the capacity of the car furnished regardless of the size of car ordered by the shipper. Thus when a larger car is furnished by the carriers for the convenience of themselves the shipper would be charged for the large capacity.

Field Seeds

ST. LOUIS, MO.—The Prunty Seed & Grain Co. will erect a store and warehouse.

CHIPPEWA FALLS, WIS.—F. P. Spoor of Arcadia has purchased the Sherman Feed & Seeds Co. and will operate under the Spoor Mill & Feed Co.

SALT LAKE CITY, UTAH—Fire of undetermined origin caused damage of \$5,000 to the Vogeler Seed & Produce Co.'s warehouse here. Included was \$2,000 worth of grain and feedstuffs.

GRAND RAPIDS, MICH.—The W. R. Roach Seed Co. has been incorporated with \$50,000 capital stock by C. V. Inderrieden and O. A. Kischel of Chicago and W. R. Roach and Reed M. Roberts of Grand Rapids.

FARGO, N. D.—Walter Reed has installed a smut treating machine in his elevator here. S. J. Provan also has installed a smut machine in his plant at Amenia and J. C. Miller has placed a machine in his elevator at Page.

ST. PAUL, MINN.—Work of selecting the five best seed growers of Minnesota in the second annual contest of the Northwest Crop Improvement Association has been started with the mailing of nomination blanks to all counties. The winners will receive medals at a banquet at the state university which helps supervise the selection.

DEL MONTE, CAL.—Manfred Meyberg of Los Angeles was elected pres. of the Pacific States Seedsmen's Ass'n at the fourth annual convention here May 21-22. Albert M. Hand of Portland, Ore., was named vice pres. and R. E. Mason of San Francisco was named sec'y-treas. The new directors are J. J. Gallagher, Los Angeles; F. A. Manley, Phoenix, Ariz.; Fred W. Nelson, Seattle, and T. M. Landrum, Los Angeles. L. W. Wheeler spoke on state legislation and "California Seed Council" was the subject of W. B. Early's paper.

WASHINGTON, D. C.—The tariff on seeds is increased in the new bill. Alfalfa is raised from 4 to 5c; alsike the same 1c increase; crimson clover from 1 to 2c; red clover 4 to 6c; white clover from 3 to 5c per pound. Orchard grass will pay 5c, and millet will remain at 1c.

FARGO, N. D.—The Interstate Seed & Grain Co. has let the contract to the Younglove Engineering Co. for the construction of a feed grinding plant comprising elevator, mill room and warehouse. The elevator will be 33x38; the mill room, 14x33, and the warehouse, 22x70 ft., all iron clad.

New Seed Trademarks.

SHORTLE & BUFORD, Memphis, Tenn., filed trademark Ser. No. 280,199 the letters "Delta-Pine Four Pedigreed" in circle design to describe cottonseed.

FARMER SEED & NURSERY CO., Fairbault, Minn., filed trademark Ser. No. 280,700 the words "Master Farmer" set at angles to describe field, garden and flower seeds.

BAYER-SEMESAN CO., INC., New York, N. Y., filed trademark Ser. No. 280,313, the words "Du Bay" to describe disinfectant for fungicide, seed disinfectant, general disinfectant.

EARLE SEED & FEED CO., Asheville, N. C., filed trademark, Ser. No. 280,299, illustration of mountain peaks with words "Smoky Mountain Seed" across picture for field, garden and flower seeds.

Program of Farm Seed Ass'n

The seedsmen's problems will be tackled at the 21st annual convention of the Farm Seed Ass'n of North America to be held June 24 and 25 at the Hotel Sherman, Chicago. All sessions will be held in the Louis XVI room on the first floor of the hotel.

Two other meetings of seedsmen will be held in connection with the convention. The Seed Council of North America will meet at 8 p. m. Monday, June 24, at the hotel and the Verified-Origin Seed Dealers will meet at 9 a. m. Wednesday, June 26 at the hotel.

Monday morning, June 24, will be devoted to Meeting of Board of Directors and Registration.

Monday afternoon Membership Meeting. "Trade Practice Conferences," Charles J. Brand, executive sec'y, the National Fertilizer Ass'n, Washington, D. C.

Tuesday morning Membership Meeting.

Tuesday afternoon Open Meeting the following addresses will be presented:

"This Business of Getting Together," Chester Leasure, manager resolutions and referenda dept., U. S. Chamber of Commerce.

"Wholesale-Dealer Relationships in Merchandising," J. Frank Grimes, pres. Independent Grocers' Alliance of America, Chicago.

"The Place of the Seed Industry in a Weed Control Program," H. C. Rather, professor of farm crops, Michigan State College, East Lansing.

Out of \$157,139,712 advanced to farmers and co-operatives in 1928 by the federal farm loan system, \$2,553,467 was loaned on wheat, \$21,452 on barley, \$5,171 on rye, \$28,576 on flaxseed, \$172,871 on beans, to co-operatives.

Pure Bred Wheats for Indiana.

Thru the efforts of the Crop Improvement Com'te of the Indiana Grain Dealers Ass'n, unanimously agreed to and supported by the Central States Soft Wheat Growers Ass'n, the Farm Bureau, the Indiana Corn Growers Ass'n, the Experiment Department of Purdue and the milling interests of the state, we have sent out recently to the farmers through various sources, propaganda urging them to sow standard varieties of soft winter wheat this fall.

The serious situation now prevailing in Indiana because of the badly mixed varieties of hard and soft wheat has been fully realized. Immediate steps must be taken to overcome present conditions which are growing worse each year. As we are now approaching the wheat harvest, when farmers make their arrangements for their fall seeding requirements, this com'te unanimously urges the grain and milling interests of the state of Indiana to urge the farmers to select pure bred strains of wheat to sow this fall.

Generally speaking, Indiana is ideally situated in the heart of the soft wheat producing territory with soil and climatic conditions that make its soft wheat equal or superior to any grown in the world, and usually it commands a premium in the markets. With the introduction of hard wheat during the past few years, we are now producing a mixed wheat that is losing for us our prestige in the grain world and also resulting in a loss of thousands of dollars each year to the farmers and our own millers and grain dealers.

The Agricultural Experiment Stations of Indiana, Michigan and Ohio, financed by some of the large milling interests of these three states, have already outlined a five year program of study and experimental work in more intensive lines than heretofore, all to the end of correcting the evils of the present production methods for wheat.

In territories particularly adapted to the raising of soft wheat, let's advise the raising of soft wheat. The grain interests have a very important position to play in this campaign and the success will depend largely upon what extent we are willing to give of our time and effort to the cause.—Indiana Grain Dealers Ass'n, E. E. Elliott, pres.; Fred K. Sale, sec'y.

Senator Nye's bill to authorize the president to buy and ship \$200,000,000 worth of wheat to starving Chinese will become a subject of expert testimony before the agriculture com'te.

Seed Movement in May.

Receipts and shipments of seeds at the various markets during May, as compared with May, 1928, were as follows:

	Receipts		Shipments	
	1929	1928	1929	1928
Chicago	44,000	347,000	11,000	.....
Duluth	53,944	217,335	41,434	356,334
Ft. Wm.-Pt.	.....	.....	.....	.....
Arthur	121,273	294,873	299,962	887,889
Milwaukee	10,510	77,220	5,720	.....
Minneapolis	244,090	439,490	65,470	327,590
Montreal	117,849	79,619	.....	.....
New York	673,000	.....	1,565	141,209
Superior	14,041	33,385	1,565	.....
Sioux City	.....	.....	85,000	.....
CLOVER.				
Chicago, lbs.	68,000	268,000	.....	238,000
Milwaukee, lbs.	60,000	200,690	467,906	44,330
New York, bags	.....	.....	1,019	.....
KAFIR AND MILO MAIZE.				
Galveston	.....	.....	196,106	.....
Hutchinson	165,600	158,400	.....	.....
Kansas City	393,800	323,400	477,000	321,000
St. Louis	120,400	74,400	70,800	28,800
Wichita	10,400	13,200	9,100	2,400
SORGHUMS.				
Cincinnati, bus.	4,200	1,400	.....	.....
Ft. Worth, cars	269	131	178	273
New Orleans, cars	7	4	*	*
* None.				
TIMOTHY.				
Chicago, lbs.	335,000	1,613,000	240,000	1,200,000
Milwaukee, lbs.	.....	204,780	14,162	86,050
CANE SEED.				
Ft. Worth, cars	16	28	1	28
Kansas City	12,650	27,600	21,850	27,600
Wichita	.....	.....	.....	.....

Directory

Grass and Field Seed Dealers

AMARILLO, TEXAS.

Hardeman-King Co., field seed merchants.

BALTIMORE, MD.

Wm. G. Scarlett & Co., wholesale and merchants.

CHICAGO, ILL.

Johnson, Inc., J. Oliver, field seeds.

Kellogg Seed Co., John L., field seeds.

CINCINNATI, OHIO.

McCullough's Sons, The J. M., field and garden seeds.

CONCORDIA, KANS.

The Bowman Seed Co., wholesale field seeds.

COUNCIL BLUFFS, IOWA.

Council Bluffs Seed Co., seed corn, nothing else.

CRAWFORDSVILLE, IND.

Crabbs Reynolds Taylor Co., grass and field seeds.

KANSAS CITY, MO.

J. G. Peppard Seed Co., field seed merchants.

Rudy-Patrick Seed Co., field seed merchants.

Tobin-Quinn Seed Co., Missouri Blue Grass.

LIMA, OHIO.

Ackerman Co., The, wholesale grass field seeds.

MILWAUKEE, WIS.

Courteen Seed Co., field seeds.

Kellogg Seed Co., field and grass seeds.

North American Seed Co., wholesale grass & field seeds.

Teweles Seed Co., L., field and grass seeds.

MINNEAPOLIS, MINN.

Northrup King & Co., field seeds.

Minneapolis Seed Co., field seed merchants.

ST. JOSEPH, MO.

Mitchell Seed Co., wholesale field seeds.

ST. LOUIS, MO.

Cornell Seed Co., field-grass-garden seeds.

Mangelsdorf & Bros., Ed. F., wholesale field seeds.

Supreme Court Decisions

Digests of recent decisions by State and Federal Courts involving rules, methods and practices of the wholesale grain, field seeds and feedstuffs trades.

SALE OF STORED GRAIN COVERED BY MORTGAGE.—Writing or order executed by cashier of mortgagee bank to give mortgagor a statement and sell all grain in his name and name of another constituted only an order to sell grain stored in the names of such parties jointly, and was not authority to sell any other grain.—*State Bank of Wales v. Northland Elevator Co. Supreme Court of North Dakota. 225 N. W. 129.*

NOTICE OF CLAIM FOR DAMAGE.—A condition in B/L that carrier shall not be liable for loss or damage claims, unless notice of claim is given before removal of goods from carrier's custody and control, is not unreasonable. Under ship B/L providing for notice of loss or damage claims before removal of goods from ship, consignee not giving such notice held not entitled to recover, notwithstanding notation of damage on receipt for shipment.—*T. M. Duche & Sons v. Lloyd Mediterraneo. U. S. District Court, New York. 31 Fed. (2d) 496.*

WAREHOUSE RECEIPT NOT MODIFIED BY ORAL UNDERSTANDING.—Legal effect of warranty in indorsement on back of warehouse receipt that there were no liens, mortgages, or other incumbrances on cotton, could not be changed by oral agreement made prior to or contemporaneously with signing of it to effect that indorsement was not to have effect of warranty, but was signed for purpose only of enabling plaintiffs to obtain cotton from warehouse.—*McGee, Dean & Co. v. Burt, Supreme Court of Mississippi, 121 South, 847.*

LIABILITY OF CONNECTING CARRIERS.—Burden on plaintiff suing for damages for delay in shipment to show unreasonable delay is prima facie met, unless state of pleadings changes rule, if it is shown that goods were injured during transportation, whereupon burden is cast on carrier to show want of liability on account of negligent delay or for any other fault. In action for damages for delay in shipment, there being no showing of injury to goods during transportation, burden of proving unreasonable delay remained upon plaintiff.—*Hall v. Houston, E. & W. T. Ry. Co. Court of Appeal of Louisiana, 121 South, 769.*

PROOF OF UNREASONABLE DELAY BY CARRIER.—Under the Carmack Amendment to the Interstate Commerce Act (49 USCA § 20 (11, 12), imposing liability upon initial carrier for goods damaged or destroyed regardless of where loss occurred, other carriers en route are not primarily liable unless loss or damage occurred on their lines. Delivery of freight by terminal carrier in damaged condition raises a presumption that damage occurred on delivering carrier's line in accordance with rule that freight received in good order by initial carrier is presumed to have been received in like good order by suc-

ceeding carrier.—*H. J. Crenshaw & Co. v. Seaboard Air Line Ry. Co. Supreme Court of Alabama. 121 South, 736.*

ARBITRATION.—Where sale contract made in Sweden, providing that any dispute arising in reference to performance should be settled by arbitration and without appeal, was signed by defendant in Sweden at a time when he was a resident and citizen of United States, held, that Swedish arbitration tribunal and Swedish court never obtained jurisdiction in personam over defendant by service on him in New York of notice to appoint an arbitrator pursuant to the agreement, which he ignored, and Swedish money judgment against him, based thereon, was therefore not enforceable in New York, under Const. N. Y. art. 1, § 6, and Const. U. S. Amend. 14, § 1.—*Skandina-viska Granit Aktiebolaget v. Weiss. Supreme Court of New York. 234 N. Y. Supp. 202.*

CARRIER ENTITLED TO ITS OWN HIGHER RATE.—A carload of milo was shipped to the Kansas City market from Tulia, Tex.; via the Santa Fe Railway, and the shipper received an inbound paid-freight bill for the transportation charges. Later the shipper tendered a similar carload of milo to the Missouri Pacific Railway at Kansas City for shipment to Louisville, Ky., together with its inbound paid-freight bill and the balance of the through rate from Tulia, Tex., to Louisville, Ky., via the Santa Fe to Kansas City, thence over the Wabash or Rock Island to St. Louis, and via the Southern Railway to Louisville, but to which rate the Missouri Pacific was not a party. The agent of the Missouri Pacific accepted the shipment and executed a bill of lading to the shipper at the rate to which it was not a party, but later demanded and received from the shipper the balance due according to the Missouri Pacific's own official tariff, and plaintiff sued to recover the latter sum as damages. Held, it was not the duty of the Missouri Pacific as intermediate carrier at Kansas City to decline the shipment nor to turn over such traffic tendered it to a competing carrier having a rate such as specified by the shipper; and held, also, that it was the duty of the shipper to inform itself concerning the proper rate governing the shipment via the lines of the intermediate carrier, and it cannot recover from such carrier the difference between its own lawful rates and the lesser rates of its competitors.—*Goffe & Carkener, Inc., v. Mo. Pac. Ry Co. Supreme Court of Kansas, 276 Pac. 834.*

Saving Grain After the Fire.

Grain dealers owe it to themselves to exercise every vigilance in saving as much property from the ruins of their burning elevator as is possible. This not only reduces the loss to the insurance company and the cost to policyholders but it also reduces the loss to the owner of the grain. The greater the vigilance and the quicker the salvage men get to work, the greater will be the saving effected.

Last April two elevators were burned at Alkabo, N. D., one owned by the Farmers Elevator Co., the other by the Atlantic Elevator Co. Together they contained about 15,000 bus. of grain. J. C. Cratty, who recovered the grain from the smoldering ruins, writes that they were very difficult fires to handle because of the difficulty to get to water or help and there was no place to sleep or eat. However, by quick work six cars of grain were salvaged from the ruins. The farmers are now rebuilding their elevator and the Atlantic Elevator is moving the old Kellogg Elevator onto the foundation of its house which was burned.

Do You Look Your Elevator Over Before Closing?

To an elevator head shaft bearing can be attributed the fire which resulted in the complete destruction of an Indiana elevator a few days ago. The fire broke out about 7 o'clock in the evening just about an hour after the machinery was shut down and the elevator closed for the night. One of the men employed in the house admitted that one of the head shaft bearings had been recently rebabited and had been running warm.

One of the owners had been up into the cupola about a half hour before shutting down and he too stated that this same bearing was warm. The elevator man did not go over the house from top to bottom, as he should have done, after the machinery was shut down. Had he done so the elevator would undoubtedly still be standing and doing business.

During the early part of March of this year an elevator in North Dakota was completely destroyed by fire caused by a very much neglected boot bearing. A report of this fire together with an illustration of the guilty bearing appeared in Grain Dealers Journal for April 25th, page 523. In this case the fire was not discovered until about 6:30 in the morning, the elevator having been in operation until about 6 p. m. of the night before. The elevator man knew that the bearing was defective and had given orders to oil it frequently. The plant was locked up at 6 p. m. and the bearing, which must have been very hot, ignited the dust around it permitting it to smoulder and finally break into flames. The complete destruction of the house followed, for when it was discovered nothing could be done.

Here we have two specific cases of fires which could have been prevented had the elevator man looked his house over carefully from top to bottom after the machinery had been shut down and before locking up. If a dangerous condition is found it should be corrected before leaving even if it has to be watched all night. We know of some elevator men who make it a practice to go over their houses before leaving and then return during the evening to make sure that all is well.

A large number of our elevator fires occur within the first three or four hours following closing time. This is not to be wondered at for it is during this time when bearings which



FIRE BARRELS filled with solution of Calcium Chloride provides better protection for your elevator and reduces your insurance rate. Write for particulars.
CARBONDALE FIRE PROTECTION CO.
CARBONDALE, PENN.

Grain Claims Bureau, Inc.

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Freight claim savings of \$100.00 or more per year, are worth making. Audits are made on a percentage basis, no other costs whatever. If examination of your shipping records is permitted, it will save you money.

W. S. Braudt
Aud. and Treas.
Champaign, Ill.

Harry J. Berman
General Counsel
Chicago, Ill.

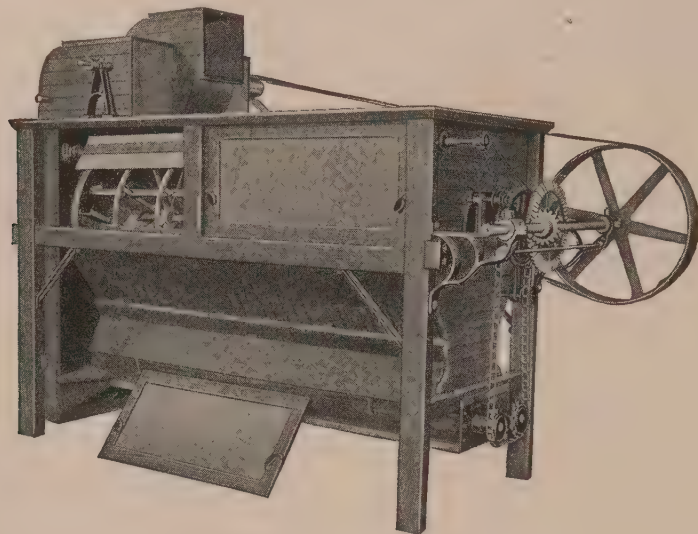
have been running hot during the day get in their dirty work. We have often seen railroad cars with hot journals running along as if nothing was wrong as long as the car was in motion. Yet when the car was stopped the packing in the box immediately burst into flame. The same holds true with bearings in elevators; that is, it is usually after the machinery is stopped when hot bearings cause fires.

To help reduce these night fires, make it a practice to go over the entire elevator carefully. Feel of the bearings to detect undue heating, inspect the out-of-the-way places, look over the outside premises, and in the winter time be certain the stove or other heating apparatus is in safe condition. Such a program cannot but give you a sense of security rather

than that feeling which makes you say as you are awakened in the middle of the night by the fire alarms, "I wonder if it's the elevator."—C. W. Gustafson, Chief Engineer, Mutual Fire Prevention Bureau.

SAN FRANCISCO, CAL.—A dust explosion, caused, presumably by the passing of a small stone thru a grinder, rocked the plant of the Cereal Products Refining Corp. here May 23 and caused fire damage of \$10,000. Insurance covered the loss, says Samuel A. Clarke, pres.

ONEONTA, N. Y.—The Morris Bros. Feed Co. warehouse and office were damaged by fire to the extent of \$25,000. Insured.



Munson Cracked Corn Grader.

Grading Cracked Corn.

A product that pleases the eye sells itself on sight and this is true of cracked corn when uniformly sized and free from small particles. The improvement that can be made in the product by an efficient grading reel is remarkable. The round reel cracked corn grader shown in the engraving herewith will bolt out the meal, scalp off the uncracked kernels, remove the bran by aspiration and make two or three, if desired, grades of cracked corn.

Being bolted together the machine can be taken apart and set up in any part of a building otherwise inaccessible. The reels are built on cold rolled steel shafts with cast iron spiders carrying eight inter-elevators made of metal for long wear. The adjustable revolving brush is never out of order, and, as is always the case in a round reel, is effective in cleaning the bolting cloth, which is of wire mesh and furnished by the manufacturer.

The fan is correctly proportioned, and for each product there is a correctly proportioned suction trunk with means of controlling the strength of the air current on each of the products independently.

The drive from countershaft may be in either direction, by placing the pinion on either side of the gear. The box covers of the two steel conveyors are hinged to the lower edge of the bolting chest, making it convenient to examine the stock on either side of the machine; and the stock can be changed from one conveyor to the other by means of tipping cut-off valves placed over the double conveyor.

Use of the rolling screen eliminates all vibration, and allows the machine to be run with less power. The machine is very durable in service, consumes little power and turns out a high-grade product. Additional information will be given readers of the Journal on application to the manufacturers, the Munson Mill Machinery Co.

A REAL HESS DRIER AND NO BOILER REQUIRED

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Simple To Install
Simple To Operate

Automatic Temperature Regulation

Also

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Let us plan a grain drying plant for you.

HESS WARMING & VENTILATING CO.

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CHICAGO, ILLINOIS

HESS DRIER COMPANY OF CANADA, LTD.
68 Higgins Avenue, Winnipeg, Manitoba



HESS DIRECT HEAT DRIER

J. J. Mullaney Grain Company
Sioux City, Iowa

Feedstuffs

AMES, IA.—Iowa feed dealers attended a short course on poultry and livestock feed at the Iowa Agri. College May 13-14.

DALLAS, TEX.—Work upon the construction of a feed manufacturing plant has been started on a site near the Perry Burrus elevators.

KANSAS CITY, MO.—J. P. Parks has been appointed exclusive Southwestern representative of E. R. Squibb & Sons for cod liver oil in feeds.

MILWAUKEE, WIS.—The manufacture of soy bean meal in this city has just been started by the W. O. Goodrich Co., a subsidiary of the Archer-Daniels-Midland Co.

BURLINGTON, N. C.—The Dixie Flour & Feed Co., to conduct a feed milling business here, has been organized with a capital of \$100,000 by J. L. Kernodle and O. S. Chandler.

BUFFALO, N. Y.—Three mill buildings with a total of 100,000 square feet of floor space and a 200,000 bushel grain elevator will be erected here by the Quisenberry Feed Mfg. Co.

PROVO, UTAH.—The Provo Feed & Machinery Co., recently incorporated for \$50,000, will manufacture stock and poultry feed, cereals and flour, and handle lumber and machinery.

SILVER CITY, N. MEX.—J. M. Bassett of Gila, N. Mex., intends to install alfalfa grinding and feed mixing equipment in the Poppy Milling Co. plant which he recently purchased.

DETROIT, MICH.—James E. Larrowe, pres. of the Larrowe Milling Co., was recently made a director of General Mills, Inc., Minneapolis, which bot the Larrowe properties several months ago.

PEORIA, ILL.—The American Milling Co. has leased its local No. 2 plant to the Grange League Federation Exchange. An output of 300,000 tons of feed is expected this year by the new operators.

AMARILLO, TEX.—Jesse C. Stewart Co., of Pittsburgh, Pa., was given judgment in the federal court here against C. R. Garner & Co. for \$3,000.25 damages for breach of contract to ship cottonseed oil meal.

SEATTLE, WASH.—The Washington Feed Dealers Ass'n has been busy with district meetings. Gatherings have been held at Chehalis, Vancouver, Bellingham and Mt. Vernon. Floyd Oles, Seattle, is the manager.

PEORIA, ILL.—The American Milling Co. contemplates establishing 200 stores in Wisconsin for the retail distribution of its mixed feeds. Two stores already have been bought, at Oconomowoc and Hartford.

MILFORD, MICH.—The Milford Feed Mill was practically destroyed by fire June 3 with a loss of \$20,000. An overheated brooder is blamed. Several hundred chicks perished. Alfred Legg, Pontiac, recently bot the plant.

HOLLY, COLO.—The Denver Alfalfa Milling & Products Co. has leased the main building of the old sugar mill and will install regrinding equipment for the making of alfalfa meal. The firm also will conduct a sheep feeding yard for convenience of farmers.

MEMPHIS, TENN.—The bonded warehouse of the Merchants' Exchange Clearing House Ass'n has been completed, providing storage for cottonseed and meal which is expected to encourage more deliveries on contracts. The rules also provide for car deliveries.

MINNEAPOLIS, MINN.—The dozen chain feed stores now operated thruout Minnesota by the Harland Flour & Feed Co. will be increased to 50 within the next three months. The firm was organized last November. At most points grinders as well as storage facilities are installed.

KANSAS CITY, MO.—The Kresky Brokerage Co., organized here by D. H. Kresky, former sales manager of the Scout Milling Co., will specialize in mill feed and coarse grain. R. W. Bravener will be associated with Mr. Kresky. Offices of the firm will be in the New England building.

SAND SPRINGS, OKLA.—P. R. Allen and Geo. Sharp, operators of the Sand Springs Gin & Milling Co., have installed a hammer mill with electric power, a feed mixer, a dump for trucks, and elevating equipment. They are now building a warehouse capable of handling 18 to 20 carloads of mixed feeds.

HUNGERFORD, PA.—The Farmers' Alliance, Inc., a co-operative feed organization, has entered receivership proceedings listing assets of \$109,471, including a large flour and feed mill and debts of \$78,296. George Y. Shaffer and W. H. Freed have been appointed receivers to conduct the business pending a decision as to future policies.

RICHMOND, MO.—W. R. Harrington of Lathrop has leased the elevator formerly owned by the Seward Grain Co. here and will use it as a station to distribute Cuban black strap molasses to feeders. The elevator became the property of J. S. Hughes & Co. at an auction sale several months ago when the firm bot it as mortgagee. Paul Rankin will manage the new business.

ST. LOUIS—William H. Danforth, president of Purina Mills, has announced the organization of a merchandising department under the direction of William Sample. John S. Jones will be manager of the department. E. G. Cherbonnier, sec'y the Ralston-Purina Co., will be in charge of the poultry and stock chow departments. G. P. Plaisance now heads the poultry fattening department and Clarence Johnson will work under Mr. Cherbonnier as manager of the poultry chow department. Donald Danforth has been elected vice-pres. and treas. of the Ralston-Purina Co. R. J. Howat is manager of the dairy chow department.

COTTAGE GROVE, MINN.—Fire of undetermined origin destroyed Fred Spading's feed mill here on May 26. The loss was \$5,000.

New Improved Vertical Feed Mixer



Mixes With Less Power

Anti-Friction Roller Bearings

Thorough Mix Quickly

Ask for particulars

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Sidney, Ohio

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By W. A. Henry and F. B. Morrison.

The recognized authority on feeds and feeding. Careful study of this book by elevator operators who grind and mix feeds will place them in better position to advise their farmer patrons as to the best in feeds. Keep it in your office within easy reach of your patrons and encourage their reading it.

Contains valuable formulae and suggestions on feed ingredients, proportions, etc.

Price \$4.50, f. o. b. Chicago.

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MINROL-PROTIN is a **Complete** Mineral Concentrate for Poultry. It supplies ALL the minerals poultry requires. Added to your grain rations NOW it will insure good results for customers using your feeds.

Learn how MINROL-PROTIN will improve the efficiency of your poultry feeds and increase your business. Send today for our interesting, informative booklet, illustrated with photographs of actual results obtained with mixtures containing MINROL-PROTIN.

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L. C. L. or Carload quotations on request.

Unusually attractive proposition to feed manufacturers in several states. Write for full particulars.

THE CONCENTRATE PRODUCTS COMPANY

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Chicago, Ill.

BUFFALO, N. Y.—The newly organized Distributors Feed & Grain Corp. will have offices with Eugene B. and Louis G. Collard in the Chamber of Commerce building. The first named of the Collard brothers has been active in the wholesale feed business here for a number of years and is sec'y of the Buffalo Flour club. The company has a capital of 200 shares of no par value.

WACO, TEX.—The Central Farm Products Co. has let contracts for the construction of a three story and basement 40x30 feet mixed feed mill plant. The J. S. Harrison Construction Co. has been awarded the contract for the building which will cost \$12,000. The S. Howes Co., Inc., has the contract for the machinery and installation, which amounts to \$25,000. Lawrence Westbrook is vice pres. and gen. mgr. of the feed firm.—P. J. P.

Memphis Cottonseed Meal Market.

Memphis, Tenn., June 8. — Cottonseed on Tuesday after Monday's holiday, on renewed farm relief rumors from Washington, opened sharply higher and continued to advance with only a few setbacks to close on Saturday at about the highs for the week. Continued strong grain, cotton and oil markets made sellers timid, but the main support came from shorts and locals.

The Exchange traveler reports crop conditions in central Arkansas as spotted but more favorable than otherwise, while Osborn of Jonesboro views conditions as very favorable on an average in northeast Arkansas and southeast Missouri, and says: "We are still of the opinion that there is an increase in acreage over last year of 8 to 10 per cent."

Cottonseed on present values for products gross better than \$50, and while many feel that new crop seed will not open above \$35 Memphis, which is close to a ten-year average, others think that competitive conditions with the mills will enable sellers of cottonseed to sell on a very favorable market. It is generally appreciated that the early gathered seed cannot be stored successfully. Locals felt at the close that while prices had advanced rapidly that only reactions could be expected for the time being, and until the farm relief measures were finally adopted or postponed.

Cottonseed meal values next week will be governed almost entirely by news from Washington, reports from the fields and weather conditions.

Adulterations and Misbrandings.

The Hales & Hunter Co., Chicago, was fined \$50 and costs for a shipment to Massachusetts of misbranded egg mash labeled to contain 20% protein which the government charged contained less than 20 per cent protein.

The Federal Milling & Refrigerating Co., Hagerstown, Md., was fined \$20 and costs on June 4, 1927, upon a plea of guilty to misbranding scratch feed shipped into the District of Columbia. The sacks were labeled "Eureka Scratch Feed 100 Lbs. x." The government charged the sacks did not contain full weight.

The Planters Cottonseed Products Co., Dallas, Tex., shipped 160 sacks of cottonseed cake and 240 sacks of cottonseed meal to Cole Camp, Mo., where the shipment was seized under a charge of misbranding. The label read "Guaranteed Analysis Crude Protein Not Less Than 43 Per Cent." The company, as claimant, admitted the allegations of deficient protein and the feed was released under a bond to relabel.

The Empire Cotton Oil Mills, Valdosta, Ga., was fined \$25 on a plea of nolo contendere to a charge of misbranding in two shipments of cottonseed meal. The article was labeled "Second Class Cotton Seed Meal***Guaranteed Analysis Ammonia (actual and potential)—7% (Equivalent 36% protein)." The government charged that the article was not second class cottonseed feed but was cottonseed feed containing less than 7% of ammonia.

The Pecos Valley Alfalfa Mill Co., Hagerman, N. Mex., was charged with adulteration and misbranding in connection with the seizure of 336 sacks of alfalfa meal at Cleveland and Toledo, O. The label was, in part, "Alfalfa Leaf Meal *** Guaranteed analysis protein 17% *** Fibre 23%." The government charged a deficiency in protein and that the feed contained stem meal and that the article was offered for sale under the distinctive name of another article. The company, as claimant, posted bonds for legal relabeling and recovered the shipments.

St. Louis Mill Feed Futures.

The proposed rules for trading in mill feed on the St. Louis Merchants Exchange as outlined in the Journal May 25 were adopted May 29 by a vote of 176 for to 5 against. Trading will begin July 10. Among the provisions of the rules are the following:

Trading in mill feed futures at St. Louis shall be in contracts covering the following commodities: Standard wheat bran, standard wheat middlings and/or brown shorts, gray wheat shorts and/or flour middlings, wheat mixed feeds.

Trading in other wheat mill feed may be made by private contract between buyer and seller at the time the trade is made.

Each calendar month shall be considered a trading month, but in no instance shall a futures contract for mill feed be made for a period longer than six months.

The unit of trade shall be 100 tons. Lesser quantities in multiples of 25 tons shall be considered job lots.

The commission charge for the purchase or sale, in 100 ton lots, of mill feed will be 15c per ton, or \$15.00 per 100 tons round trade.

The commission charge for job lots of mill feed will be 20c per ton, or \$20.00 per 100 tons round trade.

On all trades of mill feed made for members, the commission charge shall be three-fourths of the regular commission.

To members who personally do their own buying and selling for future delivery, but who clear their contracts through other members or firms doing business on the floor of this Exchange, the minimum charge shall be \$5.00 for 100 ton lots, and \$1.50 for jobs of 25 tons.

The brokerage rate for buying or selling mill feed futures where broker does not handle any papers, make, or take delivery, shall be 20c for each 25 tons.

Deliveries.—When deliveries of contracts are made in any current month for which they are sold, the seller must deliver to the buyer shipper's order negotiable Bs/L covering the mill feed to be delivered, and billed to St. Louis or East St. Louis, endorsed by the shipper, and also endorsed in blank by the member, firm, or corporation making the delivery. Where shippers' order Bs/L can not be furnished, delivery may be made on dray tickets, railroad receipts, or flat bills of lading, in which case the buyer shall deposit a certified check for the full value of the mill feed with the Sec'y of the Merchants' Exchange, to be held by him until the feed is in possession of the buyer.

The seller must also deliver to the buyer inbound billing which will enable the buyer to secure proportional billing outbound.

When seller delivers to buyer's office, by 12 o'clock noon of any business day, a dray ticket, railroad receipt, or shipper's order B/L, the buyer is to pay for same by 2 o'clock of that business day, and seller's responsibility as to further charges shall cease thereafter, excepting that the buyer shall be entitled to 24 hours' free time, the buyer paying any reconsigning charge.

New Trademarks for Feedstuffs.

SARGENT & CO., Des Moines, Ia., filed trademark Ser. No. 281,318, the letters "Protex" to describe stock feed.

THE CRETE MILLS, Crete, Neb., filed trademark Ser. No. 278,780, figure of chick on background of egg, for poultry feeds.

DAWES DRY MILK CO., Denver, Colo., filed trademark Ser. No. 281,654 the word "Vitamilk" to describe poultry and stock feed.

SILBERNAGEL & CO., Pine Bluff, Ark., filed trademark Ser. No. 282,009 the letters "Silco" to describe poultry and stock feed and feed products.

KANSAS CITY MILL PRODUCTS CO., Kansas City, Mo., filed trademark, Ser. No. 282,040 the words "Good News" to describe wheat flour and stock feed.

BREESE GRAIN CO., Breese, Ill., filed trademark Ser. No. 280,316, the word "Sentry" over illustrations of soldier, descriptive of wheat flour and poultry feed.

THE MERCHANTS COMPANY, Hattiesburg, Miss., filed trademark Ser. No. 263,775 to words "Magnolia Queen" to describe mixed feed, prepared wheat flour, canned fruits and vegetables.

GULF CRUSHING CO., INC., Morgan City, La., filed trademark Ser. No. 279,844, "Baby Shell" (no exclusive right being claimed to "shell" except in connection with the mark) for crushed oyster shells for poultry and domestic animals.

YEAST is Essential
FOR POULTRY AND LIVESTOCK INCLUDE
Early Riser Animal-Poultry Yeast
in Your Feeds. Manufactured by
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HIAWATHA GRAIN CO.

MINNEAPOLIS, MINN.
Grain, Screenings, Mill Oats
GROUND FEEDS

Straight Cars Mixed Cars
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Durham Cane Feed MOLASSES

TANK CARS—BARRELS
Penick & Ford, Ltd.,
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Order a Carey Mixed-Car Shipment—any amount of each kind. Profit on every item—and keep customer good will!

The Carey Salt Co.

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St. Louis, Mo.

Kansas City, Mo.

Retail Feed Dealers Ass'n Discuss Trying Problems.

The fourth annual convention of the Central Retail Feed Dealers Ass'n was held at the Plankinton Hotel, Milwaukee, June 4-5 with a registration of over 300.

Every seat in the convention hall on the mezzanine floor was occupied when the first session was called to order by Pres. F. Kern. Three attendance prizes were awarded at the beginning of each session which not only stimulated attendance but served to bring the delegates in on time.

A. L. JOHNSTONE, president of the Milwaukee Chamber of Commerce, welcomed the delegates to Milwaukee and presented them with the key to the city, which he borrowed from the Mayor for the occasion.

PRES. F. KERN, in his address, outlined the history of the association and pointed out the benefits derived from the group meetings held during the past year. He strongly advocated the establishment of a credit department by the association to protect its members from bad credits.

The treas. reports by John A. Becker showed a healthy balance.

SEC'Y DAVE STEENBERGH spoke on the work of the association at group meetings and the drive for new members.

ALFRED N. STEELE, merchandise executive for Olson & Enzinger, Inc., talking on Chain Stores and the Feed Business said:

COMITES appointed: Resolutions: J. L. Kleckner, D. R. Nuhill, L. J. Hartzheim. Nominations: D. W. McKercher, L. H. Herrewig, Geo. A. Schlegel. Auditing: C. E. McArthur, Fred Parker, Colby Porter.

Adjourned to 1:30 P. M.

The second session opened in the convention hall at 1:30.

RAY FARLEY, Janesville, pres. of the Re-

tail Feed Dealers of Janesville and Vicinity, in his talk on "Getting Feed Dealers to Co-operate in Going on a Cash Basis" explained the procedure in putting the 15 dealers in the 30 miles radius served by his ass'n on a cash basis. At a get together meeting pledges were signed by the 15 dealers to sell for cash only on and after March 1. Advertisements were run in the local papers over the names of the 15 dealers setting forth the advantages of cash trade in feeds. Notices signed by the individual dealer, but carrying the name of all dealers participating were mailed to all customers, and Terms Strictly Cash signs were posted in all offices. Two exceptions were provided for in the agreement. First, that post-dated checks would be considered as cash and second, that in the case of a tenant farmer working on joint account with the owner, either could buy feed for half cash sign a credit privilege agreement for the others share. The agreement further provided for a com'te of three to investigate all complaints arising among members relative to the credit agreement.

Mr. Farley exhibited forms, letters and advertisements used by his ass'n and stated that they found their farmers ready to take advantage of cheaper prices for cash. He stated that the plan was working out to everybody's satisfaction and that in addition to getting cash on all feed sales, accounts receivable had been reduced 40% in the four months.

Mr. Farley said that the next move of his ass'n would be cooperative buying of fertilizer. A general discussion followed in which many present denounced the activities and price cutting on fertilizer by county agents.

A. W. CARPENTER, sales manager, Lar-rowe Milling Co., chose for his subject "Feed Merchandising" and stated that mass production demanded efficient merchandising methods. He urged the dealers to analyze their markets, study the buying habits of their prospects,

and then set a goal, and work aggressively and persistently until they reached that goal. He explained that the day was over when the dealer could wait for the farmer to come in to buy and that present day mass production and competition forced the dealer to go out to the farm to sell his feed. He also set forth the advantages to the dealer in accepting the cooperation and helps in merchandising offered by the manufacturers.

W. D. Isham, Milwaukee addressed the members on Credits and Collections: Adjourned to 6:30 P. M.

THE BANQUET: A crowd of over 400 sat down to an excellent banquet in the Sky Room of the Plankinton, where an all star review and a snappy dance orchestra furnished by the Milwaukee Chamber of Commerce kept the diners entertained.

JOHN M. KELLEY, attorney for Ringling Bros. was the speaker of the evening.

Dancing lasted far into the night.

An innovation was introduced by holding a breakfast meeting in the Sky Room at 8:30 Wednesday morning, all present being guests of the ass'n. After the tardy ones had finished their bacon and eggs the meeting was called to order by Pres. Kern.

The resolutions com'te tendered a resolution of thanks to Sec'y Steenbergh and the retiring officers for their work during the past year and to the Milwaukee Chamber of Commerce for the hospitality and entertainment.

OFFICERS ELECTED were: Pres. L. J. Hartzheim, Beaver Dam, Wis.; V. P. C. E. McArthur, Elgin, Ill.; Treas. Colby Porter, Fox Lake, Ill.

Retiring Pres. Kern again urged utmost effort on the part of all present in securing new members.

A FEEDING SCHOOL was next conducted in which Prof. G. Bohstedt, University

Make Profits From Your Opportunity to Sell Feed Mixing Service

Molasses feeds, poultry and dairy mashes, scratch grains—in fact, any kind of feed farmers are demanding, can be mixed in this mixing unit.

The Monarch Vertical Mixer With Molasses Attachment

A perfect machine for custom mixing (a growing service) as well as for producing your own trade marked brands. The only practical dry and Molasses Mixer obtainable and it is fully protected by patents. Write for complete information on this money-making outfit, also for Catalog I F.

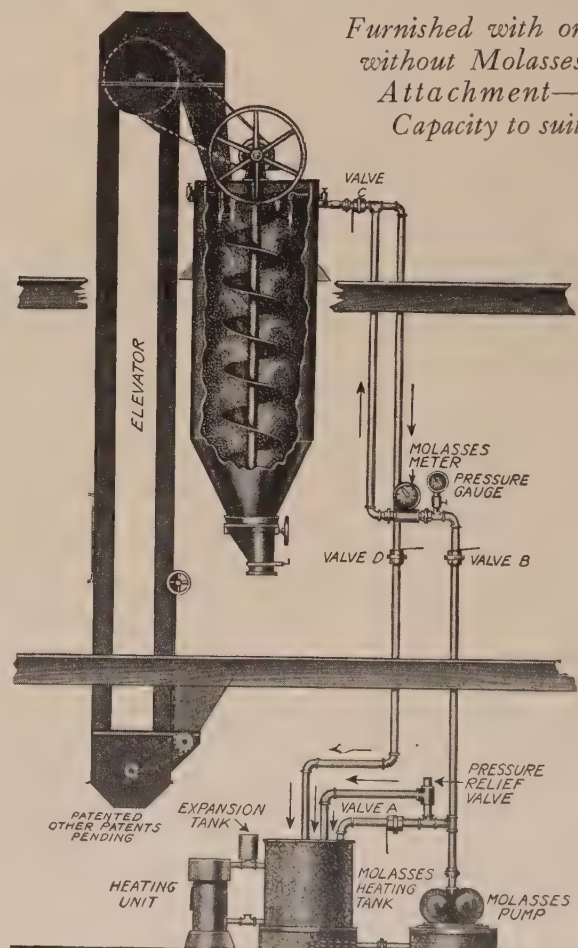
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612 New England Bldg.

Flour and Feed Mill Machinery



of Wisconsin explained with charts feeding requirements of dairy cows.

Prof. J. G. Halpin, University of Wisconsin lectured on Poultry Feeding Problems and exhibited stuffed models showing the results of feed deficiencies.

Adjourned sine die.

In the afternoon, delegates were guests of a group of Minneapolis Chamber of Commerce members at the Milwaukee-Minneapolis game of the American Association in which Minneapolis demonstrated their superior knowledge of the game.

ILLINOIS dealers included: Roy L. Herrick, Harvard; Colby Porter, Fox Lake; Frank Lyon, Arlington, and W. F. Kegebein, Crystal Lake.

FEED MANUFACTURERS and ingredient dealers from Minneapolis were: F. A. Quigley, J. S. Williams, A. E. Neass, M. A. Bockett, M. E. Smith, R. Opsal, W. G. Haertel, C. M. Barrett, R. A. Biddick, J. B. Taylor, Chas. H. Hooker, B. E. Johnson, H. J. Bergman, Ed Stiles, Frank Scott, A. A. Kosmoski, H. A. Vanderhoof, E. D. White, G. W. Smith, J. S. Dousman, W. H. Mann.

CHICAGO sent J. C. Penschorn, F. B. Ris, A. L. King, A. C. Spierling, F. J. Reese, V. F. Flood, S. C. Smith, L. C. Billerbeck, E. E. Roquemore, L. E. Williams, F. J. Bradford, W. D. Walker, W. M. Loos, M. C. Schultz, W. H. Rodke, P. W. Dickey, and William Wickhorst.

S. R. Apted and E. H. Hines represented Myles Salt Co.

C. J. Fawkes and Russell Trumpy came from Peoria.

G. W. Wagstaff came from New Ulm, H. C. Tuschen from St. Paul, and R. O. Leach from St. Louis.

MACHINERY MEN included: F. J. Morley, Jr., of S. Howes Co., W. C. Stephan, Strong Scott Mfg. Co., and Stone Williams and Chas. McCullough of the Anglo American Mill Co. J. D. Stevens of the Grain Dealers National Fire Insurance Co. was on hand to solve insurance problems.

PENCILS were distributed by J. J. Badenock and United Fertilizer Co. Strong Scott Mfg. Co. presented each delegate with 52 cards and Arcady Farms Milling Co. kept fresh carnations in all button holes.

WISCONSIN dealers in attendance included:

Frank Andrews, Sharon; W. F. Alton, Livingston; Louis Bandow, Pestigo; A. Becker, Monroe; R. W. Biel, Randolph; Wm. Bonack, Knowles; Paul F. Boulay, Fond du Lac; Floyd Bradley, Fisks; J. M. Brown, New Richmond; G. J. Buerosse, Beaver Dam; A. J. Burmesch, Random Lake; D. A. Clark, Fond du Lac; Chas. Colby, Prairie du Sac; Geo. Cox, Kansasville; H. O. Cuff, Portage; Geo. Delmarcelle, Green Bay; C. S. Dernback, Wausau.

E. R. Everson, Monroe; Ray Farley, Janes-

Feedstuffs Movement in May.

Receipts and shipments of feedstuffs at the various markets during May, as compared with May, 1928, in tons, were as follows:

	Receipts		Shipments	
	1929	1928	1929	1928
Baltimore	946	988		
Chicago	12,446	15,732	51,554	44,873
Cincinnati	320	270		
†Kansas City	4,920	5,969	18,326	16,140
Milwaukee	3,960	5,073	6,900	9,460
Peoria	33,930	39,020	44,385	47,970
†San Francisco	556			

† Bran and shorts.

Hay Movement in May.

Receipts and shipments of hay at the various markets during May, in tons, as compared with May, 1928, were:

	Receipts		Shipments	
	1929	1928	1929	1928
Baltimore	111	563		
Chicago				
Cincinnati	6,358	6,522		
Ft. Worth, cars	14	57		
Kansas City	7,332	15,456	4,532	7,548
Milwaukee	540	622	48	144
Peoria	100	2,970	180	190
San Francisco	3,004			
Seattle, cars	34			

ville; Chas. Felthers, Wausau; E. Foley, Clinton; Wm. Frank, Jefferson; H. B. Gaines, Bristol; Paul Gebert, Merrill; Theo. Goetsch, Wauertown; R. P. Guptill, Genoa City; L. J. Hartzheim, Beaver Dam; T. W. Healy, Watertown; H. W. Hefty, New Glarus; E. G. Heide- man, Clintonville; L. H. Herrewig, Hustler; J. Hetzel, Delavan; A. Halsor, De Forest; N. Holzhueter, Hubbleton; Robt. Horneck, Elkhart Lake; W. L. Hudson, Mineral Point; G. J. Huhn, Wausau; J. M. Hull, Markesan; H. H. Humphrey, Wausau.

Geo. M. Ilig, Juneau; H. E. Jaeger, Watertown; W. C. Jaeger, Ixonia; Geo. Jurss, Plymouth; Louie Kaun, Reedsburg; F. Kern, Sparta; M. Kiefer, Random Lake; H. Klappell, Edgar; A. L. Klackner, Nielsville; W. J. Klein, West Bend; Al Klinker, New Lisbon; P. A. Kohl, Waupun; J. E. Kosiczowski, Amherst Junction; P. Krause, Beloit; A. Kroehnke, Grafton; H. L. Krueger, Forest Junction.

A. D. Lang, Edgar; C. Lee, Plymouth; Paul Leinenkugel, Sauk City; F. Liethen, Appleton; A. H. Lora, Bassett; T. R. McGrath, Greenleaf; D. W. McKercher, Wisconsin Rapids; C. S. McLean, Wabasha; T. H. Mair, Morrisville; Robt. Maurer, Elkhart Lake; I. K. Mayr, Beaver Dam; F. Miller, Rudolph; J. H. Mueller, Random Lake.

R. Nelson, Union Grove; Gus. Nielman, Sullivan; C. S. Northrop, Watertown; Adolph and Inguald Olsen, Edgerton; Fred Parker, Fennimore; Jos. Patterson, Chilton; C. Perkins, Mukwonago; H. C. Perry, Maplewood; R. O. Peterson, Burlington; Chas. Pollow, Cedarburg; Robt. Priewe, Johnson Creek.

L. Rosenheimer, Kewaskum; A. C. Russel, New Richmond; A. B. Saunders, Milton; Geo. A. Schlegel, Athens; E. M. Schneider, Oshkosh; Geo. E. Schuette, Genoa City; A. Skornichka, Denmark; A. G. Sorenson, Tonah; G. W. Spear, Wyocena; A. P. Sterr, Knowles.

R. C. Tesch; A. C. Thiel, Singer; F. O. Tuschem, Sun Prairie; W. F. Uebele, Burlington; M. F. Wagner and A. L. Wagner, Haven; W. F. Weege, Ashippun; H. G. Wierman, Waldo; W. D. Wolf, Richfield; F. J. Yerges, Reeseville; I. York, Portage, and Al Zorn, Elkhart Lake.

W. H. FITZPATRICK, is representing the mixed feed interests of St. Joseph and Kansas City in the oral argument before the Interstate Commerce Commission at Washington, starting May 27th.

Soy Bean Plant for Decatur.

Erection of an elevator and mill for the processing of soy beans at Decatur, Ill., has been announced by the Shellabarger Grain Products Co., recently incorporated for \$100,000. W. L. Shellabarger, formerly of Decatur but for the last four years in the milling business in Salina, Kan., heads the project. Associated with him are Carlos E. Lyons, Frank E. Post, and D. S. Shellabarger.

The initial investment in buildings will be about \$70,000 with Horner & Wyatt, as architects. One-third of the soy beans raised in the United States are grown in central Illinois, this determining the location of the plant. The Shellabarger family has been interested in milling lines since 1847.

Feed Distributors Willing to Merge with G. D. N. A.

At the Special Meeting of the U. S. Feed Distributors Ass'n held at French Lick Springs, Friday, June 7, 1929, the following resolutions were adopted:

RESOLVED, That the matter of repealing Article 11 of our By-Laws be laid upon the table until members of the Grain Dealers National Ass'n shall have had an opportunity to vote at their next convention in Peoria, Ill., on the recommendations of their Board of Directors as to changing the name of their Ass'n to Grain and Feed Dealers Nat'l Ass'n.

RESOLVED, That if the Grain Dealers National Ass'n (a) Changes its name, (b) Gives the Feed Distributors representation in its Board of Directors, (c) Gives assurance that disputes as to transactions in feedstuffs will be referred to arbitration committees composed of dealers in feed, then this Ass'n will merge with the Grain Dealers National Ass'n.

President Burns appointed John Caldwell, Chairman, E. C. Dreyer and E. W. Mitchell, a special committee to consult with the officials of the Grain Dealers National Ass'n relative to carrying out the terms of the foregoing resolutions.

MAYSVILLE, KY.—The Maysville Milling & Feed Co. is erecting a 63x160 sheet iron warehouse.

J. P. PARKS MILL FEEDS

Dried Buttermilk—Linseed & Cottonseed Meal
Brokerage Exclusively
400 New England Bldg. Kansas City, Mo.
327 So. La Salle St., Chicago, Ill.

Clean, White Louisiana

SALT

99.84% Pure

Free from shale, moisture, or organic matter, adulterants.

Best for Your Trade.

Will not cake or harden.

Costs no more.

Get samples for feed mixing.

Splendid profits for Dealers.

Myles Salt Co., Ltd.

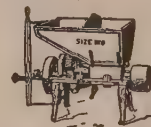
New Orleans, La.

H. B. NAY
Sales Representative

360 N. Michigan Ave., CHICAGO, ILL.

BOWSHER Crush Grind Feed Mills Mix

Rapidly crush ear corn (with or without husk) and grind all the small grains; either separately or mixed—mixed as they are being ground—not before or after. This saves time and labor.



"COMBINATION" MILLS
Use the famous Cene-Shape burrs. Light Draft. Large Capacity. Solidly Built. Long Life. Special sizes for the milling trade. Sacking or Wagon Box Elevator. Circular on request.

The N. P. BowsHER Co., South Bend, Ind.

What Do You Need in Preparing Feeds?

Check below the items in which you are interested and mail to Information Bureau, Grain Dealers Journal, Chicago, and information on where to get what you want will be immediately sent you.

Attrition mills	Gluten, feed, meal
Alfalfa meal	Hammer mills
Blood, dried	Iodine
Bone meal	Iron oxide
Buttermilk, dried, semi-solid	Linseed meal, cake
Calcium, carbonate, phosphate	Meat meal, scrap
Cocaoanut oil meal,	Minerals
Cod liver oil	Mineral mixtures
Charcoal	Molasses,
Commercial feeds	Oyster shell, crushed
Cottonseed meal, cake	Peanut meal,
Feed mixers	Phosphates, rock
Feed concentrates	Potassium, chlorid
Feeders for mills	Iodide
Fish meal	Salt
Formulas	Screenings
	Skim milk, dried
	Soybean, meal
	Tankage
	Yeast for feeding

Information Bureau

GRAIN DEALERS JOURNAL

309 S. La Salle St.

Chicago, Ill.

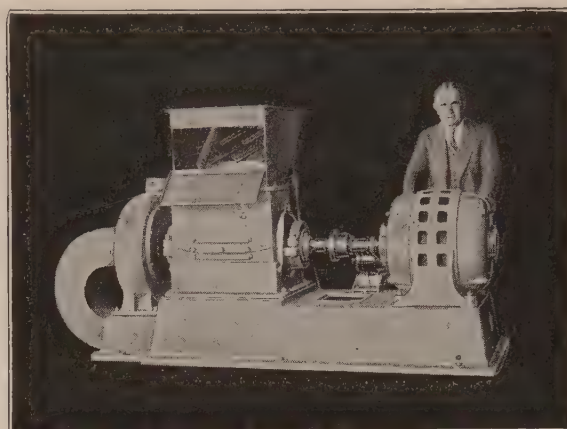
*2257 Lbs. of OATS Through 1/16 Screen
Using Only 1.56 K.W. per 100 Lbs.*

A "MIRACLE ACE" Hammer Mill

Did this in 1 hour on March 12th, 1929, when the A. C. Nielsen Co., of Chicago, the well known firm of engineers who have heretofore made reports on most of the hammer mills now before the public, certify to a test they made on that date.

NO OTHER HAMMER MILL EVER, AT ANY TIME, APPROACHED THESE FIGURES, NOR CAN THEY EVER APPROACH THEM WITH PRESENT DESIGN.

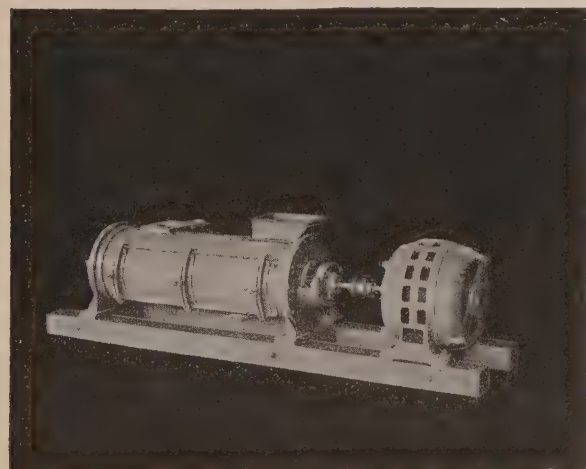
Improvements in hammers made since Jan. 1st, last, have brought about this wonderful result. If you want to make money grinding feed see this improved hammer mill.



The "Miracle Molasses Process"

Is revolutionizing the manufacture of sweet feeds. This new patented process stands all alone, there is nothing like it.

This process does two things that put it far ahead of every other way of making sweet feeds—CHEAPNESS AND QUALITY.



1st. You do not have to heat your molasses, it is merely put on the feed by friction in our agitator. It is so simple that any man can operate it.

2nd. Not having to heat your molasses over and over removes any chance of carbonization, which causes bitterness and indigestion, and at the same time preserves that essential, vitamine "B." These two things give you a better sweet feed than can be made in any other way.

The "MIRACLE MOLASSES PROCESS" will be exhibited in operation at the convention from our Demonstrating Truck. See this wonderful process, putting molasses on feed cold.

The process is just as simple as grinding feed—it's the biggest money maker you have ever had a chance at.

The Anglo-American Mill Company

The World's Largest Builders of Grain Grinding Machinery

300-400 Kennaday Ave.

Owensboro, Ky.

Feed Grinder

ELDORA, IA.—Fire damaged the feed mill of John A. Reed.

ASSUMPTION, ILL.—Corman J. Bean has opened a new feed store and mill.

BLUFFTON, O.—The Bluffton Mfg. Co. has installed a motor driven feed mixer.

PORT ALLEGHENY, PA.—The Merrell Co. feed mill here burned with a loss of \$25,000.

FAIRBANK, IA.—Bentley & Crook are rebuilding their mill and installing an oat huller.

WOODSTON, N. J.—The South Jersey Farmers Exchange plans to erect a feed mixing plant.

NEW IBERIA, LA.—Fire destroyed the Theriot Rice & Feed Co. mill here with a loss of \$7,000.

LEXINGTON, MISS.—George S. Beall, Jr., has acquired a site here and will erect a feed plant.

ODEBOLT, IA.—C. H. Oehausen of Harris is seeking a site here for a building to house a hammer mill, recently purchased.

HASKELL, OKLA.—Ira Rook of Checotah has purchased a building and will install a feed mill here. He is an experienced grain and feed man.

DONALDS, S. C.—The Donalds Mill & Feed Co. recently incorporated by J. J. Dunn and L. J. Davis plans the establishment of a feed manufacturing plant here.

BELLEVILLE, KAN.—We have installed a Gruendler Whirl Beater Hammer Mill direct-connected with a 50-h.p. G. E. Motor.—Dean Chapin, Belleville Mill & Elevator Co.

BIG SPRINGS, TEX.—Plans for a feed mill and store have been announced by the Farmers Co-operative Marketing Ass'n. Emphasis will be placed on poultry feed.

BILLINGS, MONT.—The new bean mill being erected here will be completed by July 15, says J. Carter Johnson, the promoter. The building will cost \$5,000. A steel warehouse will have a storage capacity of 90 cars.

FALLS CITY, NEB.—The Falls City Milling Co. is building a mixed feed department. It has recently installed a 2,000-pound Eureka Batch Mixer, powered by a 5-h.p. Fairbanks-Morse Electric Motor. Tom Whitaker is mgr.—Chet Knierim.

IOWA CITY, IA.—Wm. Green, proprietor of the Farmers Elvtr., is planning installation of a larger feed grinder in his local elevator and grinding plant, also an ear corn crusher. The company recently installed a motor driven Haines Feed Mixer.

WAUKOMIS, OKLA.—We are removing all our old mill machinery except one three-high roll feed mill. This fall we will increase our bin room and install a hammer mill and perhaps a batch feed mixer.—I. L. Stephenson, Waukomis Mill & Supply Co.

VANDALIA, O.—The Country Feed Mills are installing a new engine, Sidney sheller, hammer mill, Sidney vertical feed mixer and other equipment for a complete feed plant. The Sidney Grain Machinery Co. has the contract. A large oat huller also will be installed.

EL RENO, OKLA.—A 3-high Great Western Roll Mill for feed grinding has been installed by the Farmers Mill & Grain Co. to work in conjunction with the company's hammer mill and steel cut corn cracker. The company will install a larger hammer mill at a later date.—Paul Kroeker, Farmers Mill & Grain Co.

BUFFALO, N. Y.—Elmer J. Koehnlein, formerly with the Purina Mills, has been appointed manager of the new Wayne feed mill here. The Wayne firm, a subsidiary of the McMillen Co. operates other mills at Fort Wayne, Ind. and East St. Louis, Ill. Henry Edgely has gone to assume charge of the Fort Wayne mill.

Feeding Stuffs in Pennsylvania.

Results of chemical and microscopic tests made upon 1,112 samples of branded feeds are contained in a report issued by the Pennsylvania department of agriculture, Harrisburg, Pa., as general bulletin No. 476, Feeding Stuffs Report 1928, by James W. Kellogg, director and chief chemist, bureau of foods and chemistry.

The report lists in tabular form: the name and address of the manufacturer and brand name; from whom the sample was procured; the moisture content; a report on the protein, fat, and fibre contents found and guaranteed; the price per ton or cwt. and the certified composition.

The analyses also included a test for prohibited materials as well as those to confirm the presence of materials claimed or guaranteed.

Of the total number of official samples analyzed 1,086 represented brands from shipments guaranteed as required. Of this number 107, or 9.9%, were found to be deficient to the extent of 1% or more in protein and .50% or more in fat, or in both of these constituents, compared with guarantees. Of this total proportion of deficiencies there were 47, or 4.3% of the samples deficient in protein alone, 45, or 4.1%, in fat alone and 15, or 1.4%, in both protein and fat. The total proportion of deficiencies was in excess of that of 7.4%, reported for the 1927 inspection as well as also being in excess of the deficiencies estimated for the 1926 and 1925 inspections and the proportion in the case of these making up the total was also in excess of the estimate for the feeds examined during the preceding year. While these deficiencies are not excessive they show a condition which should be improved. When nearly 10% of the feeds purchased and guaranteed to contain certain definite amounts of feeding nutrients fail to meet their guarantees the consumers who purchase and receive such shipments experience a considerable loss.

A summary of these results show that 90.1% of the official samples met their guarantees for protein and fat, that 78.6% of the mixed feeds were "as certified" and that nearly all of the by-product feeds were properly branded. While the inspection work was not comprehensive enough to represent every brand and kind of feed sold during 1928, it may be fairly concluded that consumers, as a rule, received feeding stuffs which were normal and not seriously misrepresented as to composition nor for guaranteed nutrients, especially as in many cases the deficiencies noted were balanced by overruns. There was no evidence that any attempt at misbranding occurred and the variations referred to may, in most cases, be attributed to normal errors in manufacturing, says Director Kellogg.

CHICK - FEEDS

Starting and Growing Mashers
Emery Thierwechter Co.
Oak Harbor, Ohio

STANDARD COMMISSION CO.

BROKERS

Grain, Mill Feed, Mixed Feed Ingredients
EXCHANGE BUILDING MEMPHIS

SHIPPERS OF

RED DURUM

Sulphured and Natural Oats
Barley Buckwheat and other
grains for poultry feed

ARCHER-DANIELS-MIDLAND CO.

Grain Department
MINNEAPOLIS, MINN.
Elevator Capacity, 2,500,000 Bushels

No. 61

RED IRON OXIDE

86% Iron

IRON-COP

A scientific blend of Iron and Copper

Practical feeding tests have proven their blood and bone building value when incorporated in poultry and animal feeds.

Write for feeding data and full information

TAMMS SILICA CO.

228 N. La Salle St. Chicago, Ill.

FAIRMONT'S

Pure Flake
Buttermilk

9 Large Plants
Excellent Service

THE FAIRMONT CREAMERY CO. U.S.A.

OMAHA, NEBRASKA

PRINTED, UNPRINTED

BURLAP BAGS COTTON

NEW or SECOND-HAND NEW ORLEANS

MENTE & CO. INC. BAGS

J. T. RHEA
Pres.

SAVANNAH
DALLAS

The Miller and Feed Dealer

who sells the product that is needed every day in the year is the one who makes the most money and establishes a year 'round business



Packed in pails, kegs, half barrels and barrels to meet the demand of your customers.

Semi-Solid Buttermilk

NOTHING ADDED SELF-PRESERVED REAL BUTTERMILK, RICH IN BUTTER FAT—NOT SKIM MILK

is a year 'round seller in every community because it is necessary to the health of poultry and live stock of all ages. Semi-Solid Buttermilk makes eggs more fertile, is the first and only drink for baby chicks, hastens growth, improves health and produces more eggs.

Semi-Solid Buttermilk

offers you a real quality product with proven merit and selling co-operation of a reliable organization that will stand back of you in every transaction you make with your customers. It makes new customers and holds your regular trade, because you are helping them to make more money out of their product.

Now that farmers are feeding more of their home-grown grains to both poultry and hogs there is no better supplement for this kind of feed than Semi-Solid Buttermilk. For sixteen years SEMI-SOLID BUTTERMILK has been building an enviable reputation on a product that is imitated but never duplicated.

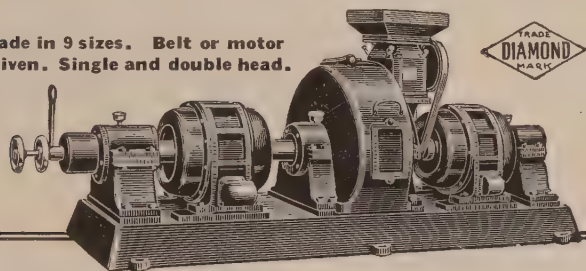
IF YOU ARE NOT NOW SELLING

Semi-Solid Buttermilk

COMMUNICATE WITH

Consolidated Products Co. 4750 Sheridan Road, Chicago

Made in 9 sizes. Belt or motor driven. Single and double head.



DIAMOND Ball Bearing ATTRITION MILLS

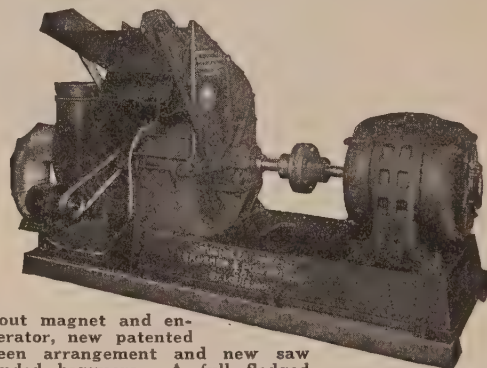
will increase your grinding profits and keep your overhead down. Make us prove it. Write today. **Diamond Huller Co., Winona, Minn.**

THE VALUE

OF AN ADVERTISEMENT

Depends upon placing it before the right persons. You can get your advertisements before the grain dealers of the country by using this space.

New Standard Whirl Beater Custom Hammer Mill



with built-in spout magnet and enclosed type generator, new patented quick-change screen arrangement and new saw toothed double ended hammers. A full fledged hammer mill with over 45 years of successful performance. Needs no introduction and has never failed to get the business for Gruendler users over that of any other known principle of grinding in custom mills, elevators and commercial feed mills throughout America and known as

GRUENDLER

America's Leading Hammer Mill

A Mill Without a Competitor

Do not be influenced by comparisons with old style Gruendler Mills, of which there are many thousands still in successful operation, as against present day methods and modern improvements that are the outstanding features of "GRUENDLER PROGRESS" today.

GUARANTEE

Gruendler Standard Whirl Beater Custom Grinder guaranteed to give the greatest capacity and the most uniform fineness power for power over that of any known principle and will install anywhere on thirty days' trial along side of any mill you are now operating and no strings attached.

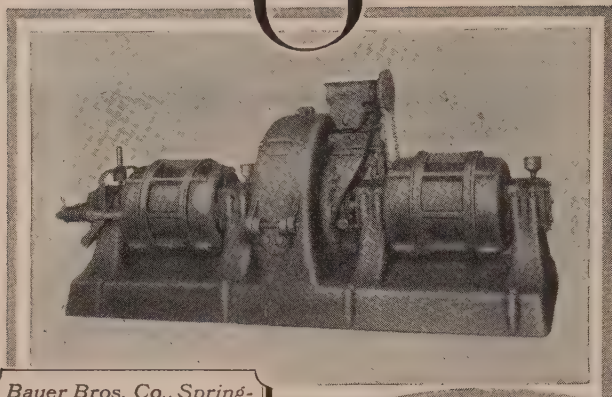
All sorts of claims are being made by Hammer Mills recently placed on the market, but anyone wishing to install mills for comparative tests, which are usually expensive to operator, will find Gruendler ready to meet the requirements.

Write for further particulars and let us explain fully in order that you may compare with your present equipment.

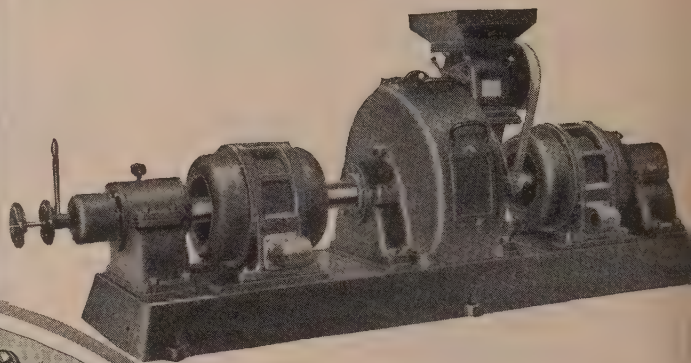
GRUENDLER CRUSHER & PULVERIZER CO.
2915-17 North Market St. ST. LOUIS, MO.

A Gruendler hammer mill for every grinding need in elevator, custom feed mills or commercial feed plants.

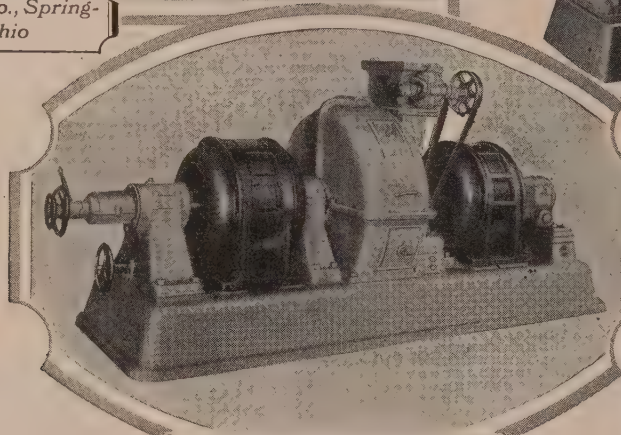
These Attrition Mills are regularly furnished



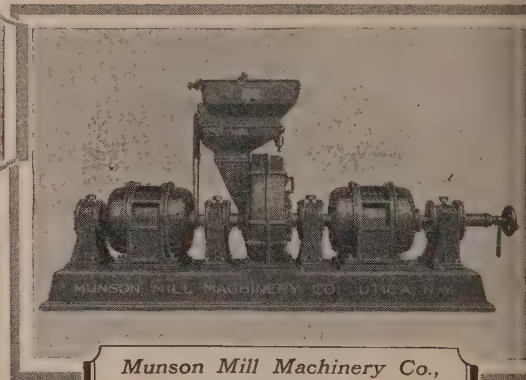
*Bauer Bros. Co., Spring-
field, Ohio*



*Diamond Huller Company,
Winona, Minn.*



*Robinson Manufacturing Co.,
Muncy, Pa.*



*Munson Mill Machinery Co.,
Utica, N. Y.*

Apply the proper G-E motor and the correct G-E controller to a specific task, following the recommendations of G-E specialists in electric drive, and you have G-E Motorized Power. Built in or otherwise connected to all types of industrial machines, G-E Motorized Power provides lasting assurance of performance that builds confidence.

These manufacturers have taken a big step forward in offering you mills with direct-connected electric drive. Direct connection is the safe, economical, and modern method of powering machinery. If you wish to go a step further in modern equipment, these manufacturers will offer you mills equipped with G-E totally enclosed, fan-cooled motors. General Electric was a pioneer in the development of fan-cooled motors and, by constant refinement, has maintained outstanding leadership in this new field of motor manufacture.



Motorized Power
—fitted to every need

GENERAL
GENERAL ELECTRIC COMPANY, SCHENECTADY, N. Y.

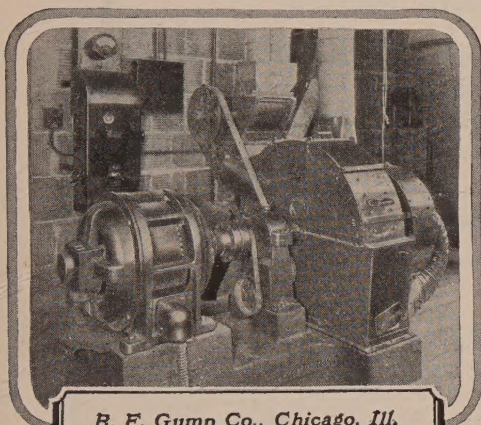
and Hammer Mills with G-E Motors and Controllers

THE manufacturers of these nine mills have each developed their product to a very high degree of perfection. And they are protecting your interests further by offering you their mills direct-connected to G-E motors.

These mills are better mills because they

are powered by G-E motors—motors known the world over for their dependability, long life, and freedom from petty operating defects.

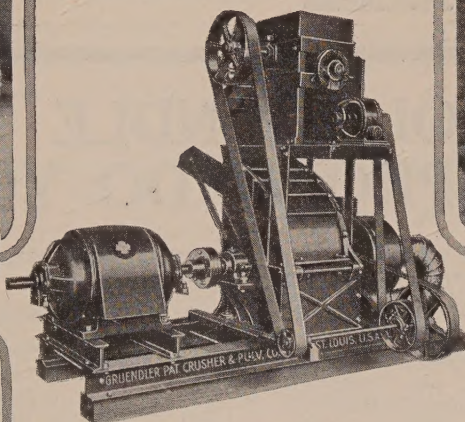
Buy with confidence whenever a manufacturer tells you his mills are operated by G-E Motorized Power.



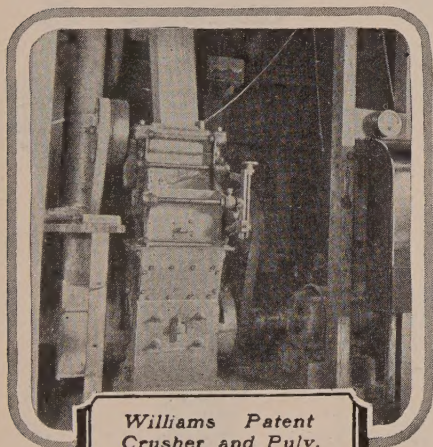
B. F. Gump Co., Chicago, Ill.



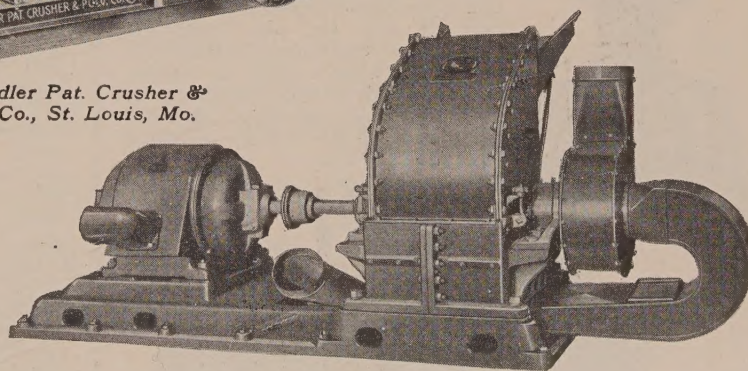
*Prater Pulverizer Co.
Chicago, Ill.*



*Gruendler Pat. Crusher &
Pulv. Co., St. Louis, Mo.*



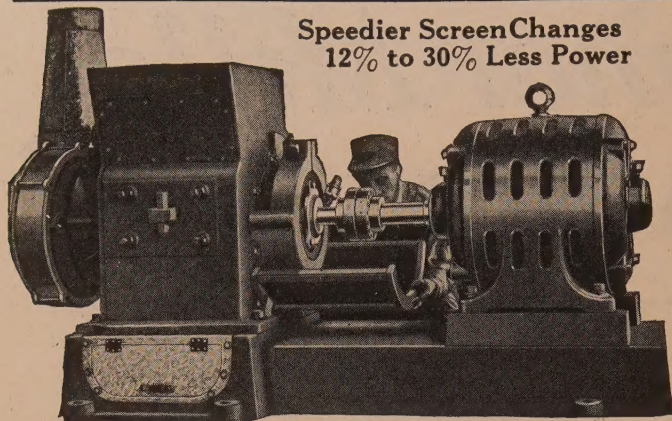
*Williams Patent
Crusher and Pulv.
Co. St. Louis, Mo.*



*The Bossert Corporation,
Utica, N. Y. J. B. Sed-
berry, Inc. Distributor*

E L E C T R I C
SALES OFFICES IN PRINCIPAL CITIES

200-202



Speedier Screen Changes
12% to 30% Less Power

A New Williams Grinder — The "SPEED KING" —

Finishes grain or ear corn in one operation with 12% to 30% less power (proved by actual comparison). Has quickest method of changing screens—no need to remove cover. 50% heavier ball bearings. Improved hammers and discs, greater weight, no vibration and many other improvements. Eight sizes. Let us send descriptive matter.

Williams Patent Crusher & Pulverizer Co.
721 Montgomery St., St. Louis, Mo.

Chicago
27 W. Van Buren St.

New York
15 Park Row

San Francisco
415 5th Street



WILLIAMS
OLDEST AND LARGEST BUILDERS OF HAMMERMILLS IN THE WORLD
WILLIAMS
PATENT CRUSHERS GRINDERS SHREDDERS

The HAINES feed MIXER

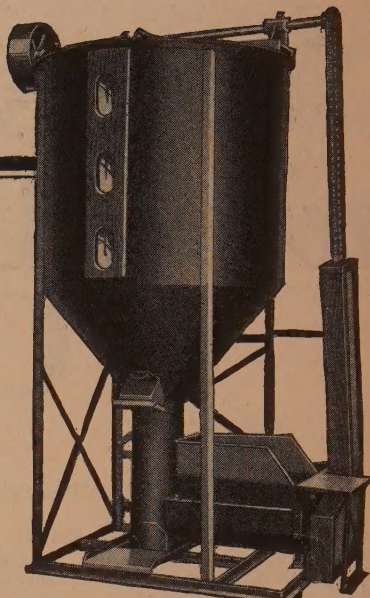
THE MIX IS ALWAYS
VISIBLE

A self-contained unit shipped completely assembled ready for operation as soon as connected to power. No extra parts or elevators necessary. No mill-wright labor required. Easily set up or moved.

Manufactured in two sizes:

No. 1 Mixer capacity 50 cubic feet or 40 bushels.
No. 3 Mixer capacity 100 cubic feet or 80 bushels.
Either size furnished with pulley for belt drive or with electric motor and reduction gears for independent operation.

WE WANT LIVE SALES REPRESENTATION IN
OUR OPEN TERRITORIES



Send for Bulletin
No. 18-G

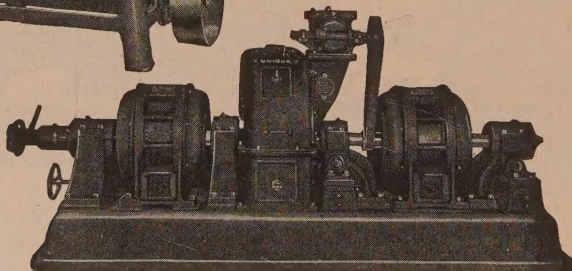
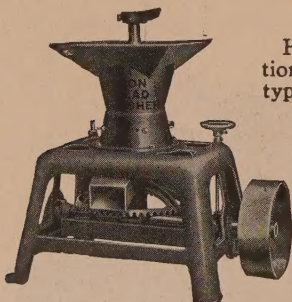
THE GRAIN MACHINERY CO.
MARION-OHIO

OF COURSE YOU HANDLE FEEDSTUFFS! BUT WHAT PROFIT DO YOU MAKE?

We can show you how to make your own feeds at a good substantial profit and also increase your business by giving better service to the farmers in your community.

FEED GRINDERS

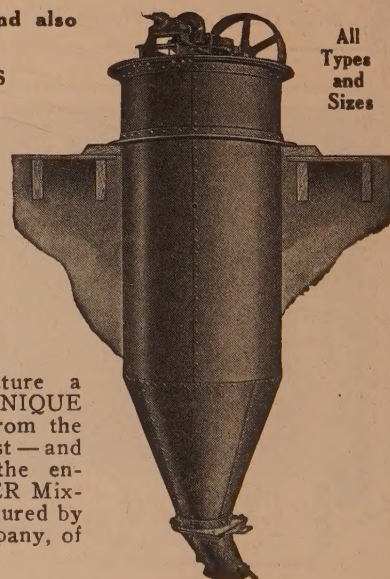
Here is a feed grinding combination which enables you to grind any type of feed the way customers want it ground. The UNIQUE attrition mill is known throughout the country as the mill that produces MORE and BETTER grinding CHEAPER.



FEED MIXERS

The UNIQUE Vertical Mixer is one of the most popular feed mixers on the market. The first cost is small — the machine is easy to install and economical to operate, and will mix all kinds of feeds at a profit for you.

We also manufacture a complete line of UNIQUE Horizontal Mixers—from the smallest to the largest—and recently took over the entire Line of GARDNER Mixers formerly manufactured by the Gedge-Grey Company, of Lockland, Ohio.



All
Types
and
Sizes

Let us show you the way to greater profits in handling feedstuffs. Write us for catalogs on UNIQUE Feed Milling Machines or get in touch with our representative.

ROBINSON MFG. CO., 42 ROBINSON BUILDING, MUNCY, PA
CHICAGO OFFICE—222 W. ADAMS ST.

Blue Streak

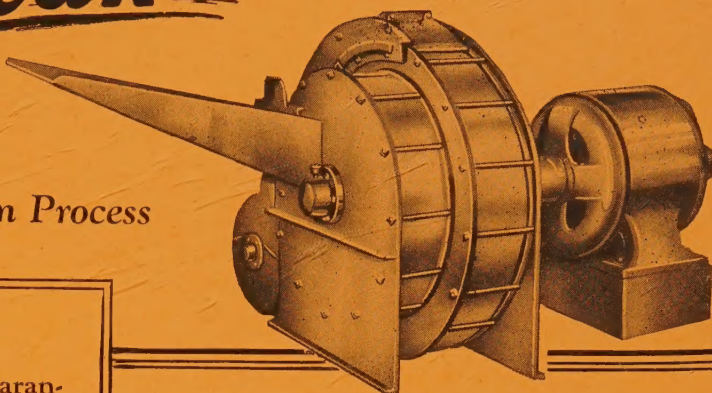
Custom Hammer Mill

With the New Triple Reduction Process

GUARANTEE!

The Blue Streak Hammer Mill is guaranteed unqualifiedly to grind feed better and at a lower cost per 100 pounds than any other mill now on the market. You are the judge.

Prater Pulverizer Company



Augusta, Illinois.
"How's this: 7110 pounds through a $\frac{1}{4}$ " screen in 1 hour, 39 minutes at 75 amps. * * * We received \$14.22 for the grinding which cost us \$1.85 or electric current used. Current cost us 5 cents per kwh."

Augusta Farmers Co-op. Co., by Homer Hedrick.

Sworn to and subscribed before me this 15th day of January, 1929.

Seal, Chas. H. Mead, Notary Public.

PRECEDENT vs PERFORMANCE!



IT'S natural to lean toward the things with which we are most familiar. That's precedent.

But the world, today, moves fast. It is less inclined to cling to the past and seeks the answer to that progressive question, "Can it be done better?"

Progress and performance have selected a new type of hammer mill and placed it at the pinnacle of leadership—in four years of severe practical tests. The Blue Streak Triple Reduction Process is the only noteworthy im-

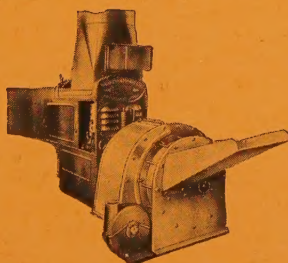
provement in hammer mill construction in many years. Because of it feed grinding profits have increased amazingly. Lower power costs, big capacity and highest quality grinding are the reasons.

Read about this progressive leader of the feed grinding fields. Learn about its superior performance—which is not a claim, but an established proven fact, and guaranteed.

You can buy a Blue Streak on the Prater Convenient Payment Plan. Liberal terms, no red tape.

[Send for the Blue Streak Book Today.]

PRATER PULVERIZER COMPANY
817 W. Washington Blvd., Chicago, U.S.A.



Harper, Illinois.
"We put a triple box of oats through a $\frac{1}{4}$ " screen in 50 minutes. It takes 3 gallons of gas and 1 pint of oil to run our Blue Streak per hour. Total cost about 55 cents.

* * *

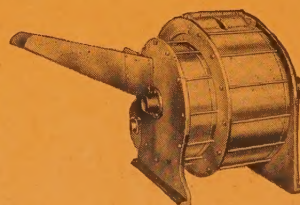
It's easy to start and runs smooth and the Waukesha Motor has plenty of reserve power."

Harper Grain Co.,
by E. J. Drake.

Blanket, Texas.

"I have used several mills, but this one has them all beat. We have never found anything it wouldn't grind. We ground 5,000 pounds of bundle maize on 6 gallons of gas and some of it was wet."

C. B. Switzer.





Compare the Million Slaves of Pharaoh

with the work of a single Morse Chain

FIVE thousand years ago, sheer manpower dragged the great stone blocks of the pyramids into place. Today, a single Morse Chain whose span you could measure with your two arms, transmits the power that swings huge loads like toys, turns the wheels of great industries silently, efficiently.

Dependable as they are for heavy power transmission, Morse Chains are also chosen for the most precise jobs, such as the synchronization of sound film. The result of the slightest inaccuracy between sound and film can easily be detected by eye, and ear. Yet that same chaos occurs unnoticed in thousands of industrial plants where there is little check on waste through power slippage!

Power loss is a measurable, definite quantity that *you* may be throwing away through inefficient power transmission methods. In some industries it may run as high as \$15.00 per horsepower per year—yet silent, smooth, long-lived Morse Chains have stopped these invisible leaks, and cut costs on all sorts of jobs, with a *proven* efficiency of 98.6%.

The most friendly, helpful man in the world is the Morse Engineer. His job is to help *you* track down power losses, and design efficient power transmission drives. His services are free—ask for them. His new manual on how to design, install, and operate efficient and economical power drives is free, too. Write for it.

MORSE CHAIN CO. • ITHACA, NEW YORK

Branches In All Principal Cities

An ideal application of Morse Silent Chain. Picture shows first reduction of a double reduction drive to elevator leg.

MORSE SILENT CHAIN DRIVES

A detailed technical illustration of a Morse Silent Chain drive. It shows a series of interlocking chain links forming a continuous loop. A central sprocket wheel is visible, with the number '55' and arrows indicating its rotation. The chain is shown in a perspective view, highlighting its robust construction and the precision of its links.